DOCUMENT RESUME

ED 312 924 HE 022 961

TITLE Facilities Inventory and Utilization Study Fall of 1988 for the State of North Carolina. Twenty-Second Edition.

INSTITUTION North Carolina State Commission on Higher Education Facilities, Raleigh.

PUB DATE Sep 89

NOTE 205p.

AVAILABLE FROM State Commission on Higher Education, The University of North Carolina-General Administration, 910 Raleigh Road, P.O. Box 2688, Chapel Hill, NC 27515-2688.

PUB TYPE Statistical Data (110) -- Reports - Research/Technical (143)

EDRS PRICE MF01/PC09 Plus Postage.

DESCRIPTORS Accessibility (for Disabled); Building Design; *Campus Planning; *Educational Facilities; Educational Facilities Design; Educational Facilities Planning; Facility Utilization Research; Higher Education; *School Space; *Space Utilization; State Surveys

IDENTIFIERS *North Carolina

ABSTRACT

This edition of an annual series of facilities inventory and utilization studies reflects the status of space in North Carolina institutions of higher education at the end of the drop-add period of the 1988 fall term at each college. It gives indications of the uses being made of the space and provides norms and historical information for the past 5 years to enable institutions to make their own assessments of their facilities. Data for 113 institutions of higher education in North Carolina (16 public sector, 39 private nonprofit, and 58 public two-year) are included, and all proprietary institutions and Bible colleges are omitted. Information is presented on: utilization of instructional space (e.g., capacity/enrollment ratio, use of student stations in classrooms, and student clock hours of instruction); interior space characteristics (e.g., net-to-gross ratio, summary programs, and assignable area by room code); building characteristics (e.g., ownership of buildings, age of buildings, and condition of buildings); and accessibility of facilities to the mobility impaired. Twenty-six tables are included. Contains 9 references. (SM)

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HIGHER EDUCATION COMPREHENSIVE PLANNING PROGRAM

FACILITIES INVENTORY AND UTILIZATION STUDY 1988

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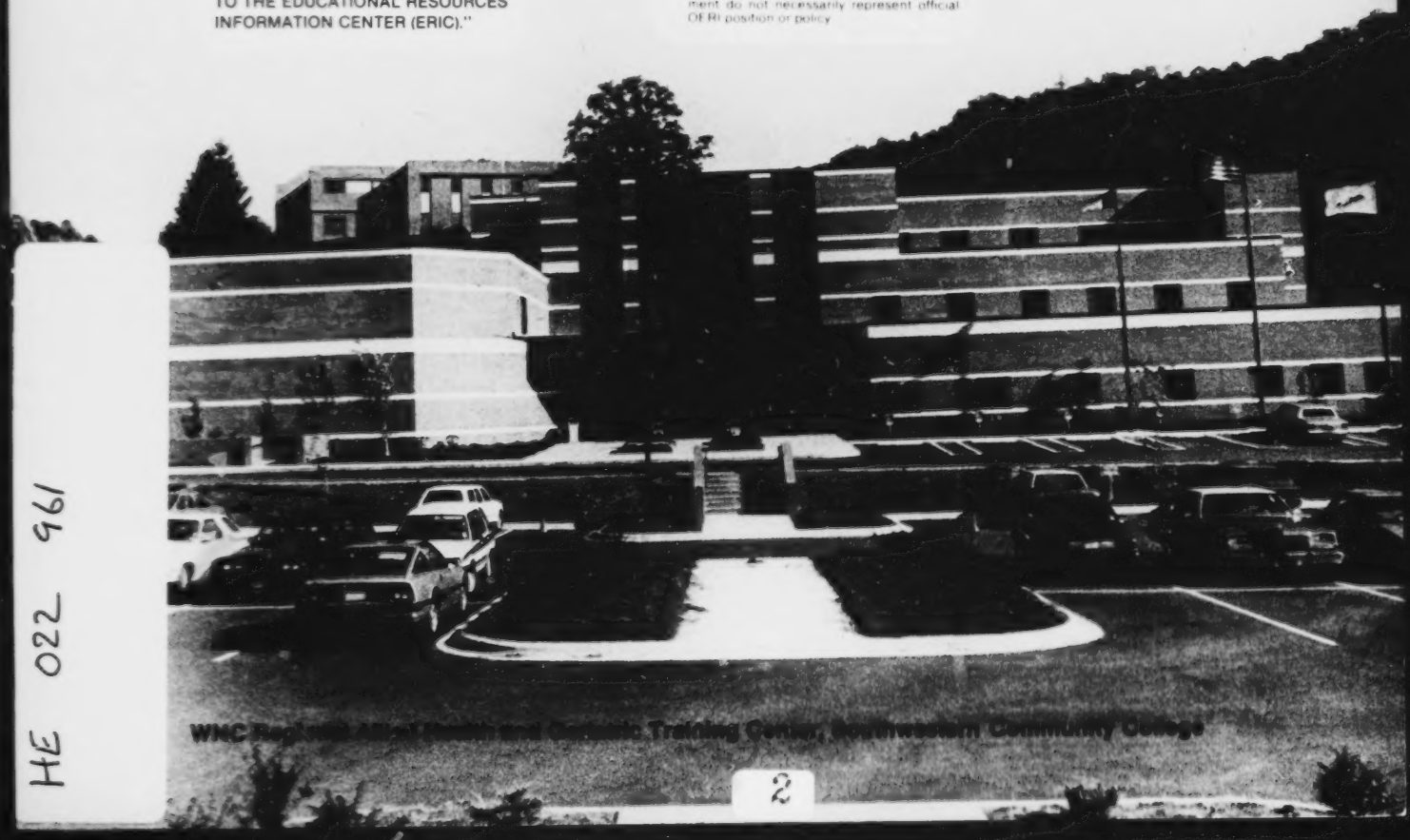

HE 022 961

The *Facilities Inventory and Utilization Study* is published annually by:

State Commission on Higher Education Facilities
The University of North Carolina-General Administration
910 Raleigh Road
P.O. Box 2688
Chapel Hill, North Carolina 27515-2688

Five hundred and fifty copies of this public document were printed at a cost of $7,496.50, or $13.63 per copy

HIGHER EDUCATION COMPREHENSIVE PLANNING PROGRAM

FACILITIES INVENTORY AND UTILIZATION STUDY
FALL OF 1988

For
THE STATE OF NORTH CAROLINA

TWENTY-SECOND EDITION

THE UNIVERSITY OF NORTH CAROLINA
Commission on Higher Education Facilities
Chapel Hill, North Carolina

September 1989

WNC Regional Allied Health and Geriatric Training Center
Southwestern Community College

(Cover Photo)

Southwestern Community College's Allied Health Center Project was completed in the summer of 1988 at a cost of $6,046,000 through funding from the North Carolina General Assembly, Jackson County and private donors. The entire project includes the three-story facility with furnishings and equipment for the Center and a three-tiered parking lot.

A gracious lobby on the first floor greets visitors to the Center and leads to the auditorium, dining room and curved staircase to upper floors. The attractive and well-equipped auditorium seats 1,153. These areas are complemented by offices for Student Services, General Administration, Personnel and Public Information.

The second and third floors include classroom space for the allied health and geriatric programs, modern health science labs, a college radio and television soundstage and broadcasting station, the College bookstore and a spacious student lounge. Classrooms and radio/TV editing rooms are also housed in these areas.

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Note: Chancellors and Presidents are listed as of the publication date. The Project Officers are the persons who supplied the data used in this year's study.

Foreword

This study, the twenty-second in the annual series of facilities inventory and utilization studies, reflects the status of space in North Carolina institutions of higher education at the end of the drop-add period of the 1988 fall term at each college. It also gives indications of the uses being made of the space and provides, where feasible, norms and historical information for the past five years to enable institutions to make their own assessments of their facilities.

Statistics for private institutions are shown by group, rather than by institution, because of the agreement made with these institutions when the project was initiated. Annually, each institution is forwarded its own data and can then make a self-assessment on the basis of these data, its historical record, group data, and the norms cited for the various tables.

The purposes of this study include providing facilities data to federal and state authorities, making data on North Carolina facilities available to other Commissions for comparative purposes, and providing participating institutions with data which may be helpful in the management of their facilities. This report presents selected summary information from the quantities of data assembled in the 1988 comprehensive planning studies.

Public senior institutions, community and technical colleges, and private institutions throughout the state have cooperated fully in time, energy, and funds to provide data for the studies. The participating institutions are listed in the preceding section. The gathering and review of data for the studies have been accomplished through the joint effort of the agencies providing membership to the Facilities Technical Committee.

Special acknowledgement and appreciation are expressed to the following individuals for their cooperation and contributions: Philip Albano of the Department of Community Colleges, Myron Dunston of N. C. Central University, Larry Gracie of N. C. State University, J. Patrick Jackson of The University of North Carolina-General Administration, and Thomas Heath of the Carolina Population Center. The Project Officers of the participating institutions deserve special recognition for the tremendous job they have done in providing the basic data for this study.

The Commission staff also expresses appreciation to members of the Facilities Advisory Commission for their advice and counsel through the years.

Charles L. Wheeler
Director

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Introduction

The efficient use of campus facilities is of increasing concern to most colleges and universities. This concern is partially a reflection of the high costs involved in constructing and maintaining buildings, but it also stems from a broader recognition of the importance of facilities planning. The effective allocation and utilization of space is essential if an institution of higher education is to maximize its resources in accomplishing its objectives in the areas of instruction, research, and public service.

The primary purpose of the Facilities Inventory and Utilization Study is to provide higher education administrators with a detailed statistical profile of the facilities of their own campuses and of the other colleges and universities in North Carolina. The study also presents data which can provide the basis for comparative assessments of the extent to which space is used for instructional purposes. In short, this publication is intended as an important analytical tool for use in facilities planning. It is published annually by the State Commission on Higher Education Facilities, which is part of The University of North Carolina-General Administration.

Institutions Included

The study provides data for 113 institutions of higher education in North Carolina. This universe includes all of the sixteen public senior institutions which comprise The University of North Carolina, 39 private non-profit colleges and universities, and the 58 public two-year institutions which represent the Community College System. In addition, data are provided for North Carolina Memorial Hospital, a part of The University of North Carolina. All proprietary institutions are omitted from the study, as well as two Bible colleges (John Wesley College and Roanoke Bible College) and a theological seminary (Southeastern Baptist Theological Seminary). The participating colleges and universities are listed by type of institution on pages v-x, along with the name of the President or Chancellor and the Commission's project officer for each school. An alphabetical listing of these institutions, including mailing addresses and other information, can be found on pages 198-200.

At the request of the participating private colleges and universities, individual data for these institutions are not printed in the study. Instead, totals are reported for the three principal categories of private institutions: major research universities, general baccalaureate colleges, and junior colleges. Each private institution is provided with facilities data for its own campus in order to enable it to make comparisons with the relevant group totals in the study.

Because of the unique facilities requirements of medical schools, data for the Division of Health Affairs at East Carolina University and the University of North Carolina at Chapel Hill are listed separately from their parent campuses.

For similar reasons, the Higher Education Facilities Commission separately lists the data for North Carolina State University's School of Veterinary Medicine.

Types of Data Collected

The study is divided into four sections which reflect the four broad categories of facilities data which are reported: the utilization of instructional space, interior space characteristics, building characteristics, and accessibility of facilities to the mobility impaired. The section on the utilization of instructional space provides ratios, percentages, and indices which relate the amount of instructional activity at an institution to various categories of campus space. The section dealing with interior space characteristics statistically describes campus space by its uses and the programs to which it is assigned. It also provides data relating the sizes and capacities of classrooms and class laboratories. The building characteristics section focuses on such data elements as building age, condition, and replacement cost. The final section describes the amount and type of campus space which is accessible to persons who are confined to wheelchairs.

This study is designed to provide only a "snapshot" of institutional facilities at a particular point in time. Facilities data reflect all buildings which were completed as of October 1 of the year of the study. Utilization data reflect only the courses which were under way as of the drop-add period of the fall term. The data do not take into account any instructional activity that occurred during the spring semester or quarter.

It should also be noted that different types of institutions will often have very different space needs. As a result, two institutions with facilities which are equally well-utilized may have significantly different utilization data. Thus, it is generally unwise to attempt to make comparisons between two institutions which are dissimilar in terms of their levels or the instructional programs which they offer. Peer comparisons provide the most reliable means of assessment.

Procedures Used in Collecting Data

The Higher Education Facilities Commission maintains an annually updated, computer-based facilities inventory of each institution included in the study. A facilities inventory is comprised of a Building Characteristic Report and a Room Characteristic Report. The Building Characteristic Report lists and provides detailed information about each building on an institution's campus. The Room Characteristic Report lists every room in each building and provides information about its size and capacity. Each room is also coded to reflect its use and the institutional programs which it supports.

Each fall every institution supplies the Commission with a list of changes in its facilities inventory occurring since the previous fall. Most of the colleges and universities provide these data by annotating a copy of their

previous year's inventory. An institution may choose, however, to provide its facilities update data by supplying the Commission with a mainframe computer tape or PC diskette of its current facilities inventory.

Space utilization data are based on the annual submission by each institution of a list of its fall term courses. For each course, the institution provides information indicating when and where the class meets and the number of students enrolled. Many institutions also provide these data on computer tape or diskette. The others supply their utilization data on computer printouts or on specially designed utilization forms, and the Commission keys this information onto master files at the Triangle Universities Computation Center (TUCC). Each institution's course data are run against its updated facilities inventory to generate the Instructional Space Utilization Report. This report indicates how effectively an institution uses its facilities and measures its need for classroom and laboratory space in relation to comparable institutions.

Schools which need help in updating their facilities inventories or compiling utilization data are given technical assistance by the Commission staff. Questions are answered by telephone, or if a problem is particularly complex, a campus visit is arranged. The Commission staff also assists institutions by taking the measurements of new buildings for which the institutions have provided blueprints. During the past two years, because of improved in-house data processing capabilities, the Commission has provided data search services, software, special analyses and facilities survey assistance to participating institutions making such special requests.

Both the facilities inventory updates and the utilization data from each school are reviewed carefully by the Commission staff. Extensive computer edits are also used as a means of ensuring accuracy and consistency. When problems are discovered, the institutions are contacted for additional information or corrections.

Every year each institution receives two copies of its updated Building and Room Characteristic Reports and its Instructional Space Utilization Report. Also provided are two copies of the Building Data Summary Report, which analyzes in detail the institution's building data, and ten statistical tables which describe the institution's assignable area and its accessible space in terms of their use and the programs to which they are assigned. The reports and tables are also supplied to the Finance Division of The University of North Carolina-General Administration (UNC constituent institutions only), the Department of Community Colleges (two-year public institutions only), and to the Office of State Property of the Department of Administration (UNC constituent institutions only).

The Facilities Inventory and Utilization Study is based on the data contained in these tables and reports. It is distributed to the President or Chancellor of each institution, the Commission's institutional project officers, the Higher Education Facilities Commissions in the other states, the libraries of the participating institutions, and the members of the Commission's advisory committees. Copies are available without charge to persons who request them.

Limitations and Special Situations

This study contains reliable and useful information concerning the facilities of colleges and universities in North Carolina and their utilization for instructional purposes. It is important, however, to note two limitations in the data provided.

Although campus facilities would generally be viewed as including such things as parking lots, tennis courts, and radio control towers, this study is limited to data relating to buildings. For purposes of the study, a building is defined as any roofed structure. This definition does include trailers and other mobile units.

Because of technical problems in collecting course information from medical schools and related programs, utilization data are not supplied by the Division of Health Affairs at East Carolina University and the University of North Carolina at Chapel Hill, or by the Bowman Gray School of Medicine, the Duke University Medical Center, North Carolina Memorial Hospital, or the North Carolina State University School of Veterinary Medicine. They are, therefore, excluded from most of the utilization tables. Separate enrollment figures are provided for these divisions, however, and Table 2 includes utilization data for the Veterinary School and the two Divisions of Health Affairs at public institutions (although these data are excluded from all totals).

Special situations exist at several institutions which create problems in reporting utilization data. The following changes in the utilization reporting procedures have been made to reflect these situations accurately and fairly in the data.

N. C. School of the Arts and St. Mary's College instruct secondary school students as well as students at the college level. To reflect this fact, high school courses conducted at these campuses were also considered in calculating student clock hours. The high school students were not included in the full-time equivalent enrollment figures for these institutions, however. In Table 2, this has the effect of significantly underestimating the total utilization of academic space for the School of the Arts and the Junior College subtotal as reported. It should also be noted that the programs conducted at the School of the Arts inherently require significantly more space per student than at other constituent institutions of The University of North Carolina. Comparisons of this institution's utilization with that of any other college or university would, therefore, be misleading.

Beginning last year, the Department of Community Colleges reported full-time equivalent enrollment (FTE) based on a contact-hour formula instead of the previous credit-hour calculation. This alteration was made by DCC and Commission staff to conform to the official Department of Community Colleges FTE figure for data reporting and funding assignment. Because of problems with the previous calculation formula, this change has provided a better correlation to on-campus space utilization and ensured greater data integrity. Tables 2 and 12 of this study, with accompanying graphs on pages 19 and 71, are impacted by this conversion, which is further explained in their preceding texts.

Western Carolina University conducts a number of courses on the campus of the University of North Carolina at Asheville. Beginning in 1981, the student clock hours of UNC at Asheville reflected these WCU courses, as well as courses for WCU students sponsored by UNC at Asheville and conducted on its campus. Full-time equivalent enrollments of the WCU-sponsored courses at UNC at Asheville are, however, credited to WCU rather than to UNC at Asheville. Several Community Colleges have similar inter-campus course arrangements and FTE/student clock hour figures are derived in the same manner. In addition, Gardner-Webb College offers classes on the campus of Mitchell Community College. These classes have been included in the utilization data for Mitchell but are not reflected in the full-time equivalent enrollment for that institution.

In 1985, Fayetteville State University and the University of North Carolina at Wilmington became comprehensive universities. Their data for 1985-1988 are reported under "Comprehensive Universities," but data for 1984 remain under their previous status of "General Baccalaureate Universities."

As further clarification of institution groupings, graph references to "UNC Campuses" refer to the sixteen public Baccalaureate-granting institutions of The University of North Carolina. Table subtitles and graph legends for "Community Colleges" refer to the 58 Community and Technical Colleges of the North Carolina Community College system.

The data elements collected, formats maintained and statistics generated by the North Carolina Commission on Higher Education Facilities adhere very strongly to nationally developed standards and procedures for facilities inventory and utilization surveying. In the interests of state and national comparability and standardization, changes such as addition/omission of data items and format/master file rearrangement are not made to suit the special interests or needs of a particular campus. Many North Carolina institutions accommodate these provincial information needs by including additional information on campus-maintained files, in formats suitable to campus researchers and planners, as a supplement to Facilities Commission (national standard) data. This office does, however, provide the special request, data processing services mentioned above to all North Carolina institutions for all data maintained on Commission files. In addition, these services are provided to institutions which maintain supplemental or special campus information items when these data are provided with the request.

Technical Laboratories Building, Rockingham Community College

A two story structure of contemporary design, Rockingham Community College's new Technical Laboratories Building houses the institution's Nursing and Business Technologies programs. At a cost of $3.5 million, the facility was completed in November, 1987, with occupancy occuring in January, 1988.

The first floor contains a 247-seat teaching auditorium, faculty offices, Small Business Center, conference and training rooms, a mainframe computer with classroom and business laboratories. The second floor is entirely devoted to the nursing program and contains offices, classrooms and labs.

Utilization of Instructional Space

Capacity/Enrollment Ratio 9
Sq. Ft. of Academic Facilities Per FTE Student 17
Room Hours of Instruction in Classrooms 24
Room Hours of Instruction in Class Laboratories 30
Use of Student Stations in Classrooms.....36
Use of Student Stations in Class Laboratories 42
Percent Student Station Utilization 48
Student Clock Hours of Instruction 55
Space Factors 58
Ranges of Space Utilization Indices 62
Space Criteria 64
FTE Enrollments 69

TABLE 1:

CAPACITY / ENROLLMENT RATIO

The capacity/enrollment ratio, often referred to as the C/E ratio, is the amount of instructional and library space on campus divided by the total fall term student clock hours of that institution. The C/E ratio relates the amount of space directly used in an institution's instructional programs to the instructional activity of the campus. It is one of the most commonly used indices of instructional utilization of institutional facilities.

In analyzing and comparing the capacity/enrollment ratios, it should be kept in mind that a relatively low ratio generally indicates a high level of space utilization. It should also be noted, however, that such factors as the level of an institution and the kind of instructional programs that it offers will affect the amount of space required and, therefore, the C/E ratio. The capacity/enrollment ratio for all institutions of higher education in North Carolina has been between 4 and 5 for many years, but the graph on page 11 confirms that this ratio varies widely by type of institution.

Instructional and Library Space

Instructional and library space is defined in terms of program codes (pages 87-88, 93-95, 102-103, 108-109, 112-113) and room use codes (page 118). It is the sum of the areas of all rooms which carry both a program designation of 11-18 (Instruction), 41 (Library Services), or 01 (Unassigned, Capable of Use), and one of the room use codes listed below, with the exception that office space is omitted from program 01:

110 Classroom
115 Classroom Service

210 Class Laboratory
215 Class Laboratory Service

220 Special Class Laboratory
225 Special Class Lab Svc.

230 Individual Study Laboratory
235 Individual Study Lab Svc.

310 Office
315 Office Service

410 Study Room
420 Stack
430 Open Stack Reading Room
440 Processing Room
455 Study Service

510 Armory
515 Armory Service

520 Athletic-Physical Ed.
525 Athletic-Physical Ed. Svc.

Because of federal reporting requirements, all space associated with academic programs in theology (HEGIS taxonomy code 2300) is also excluded.

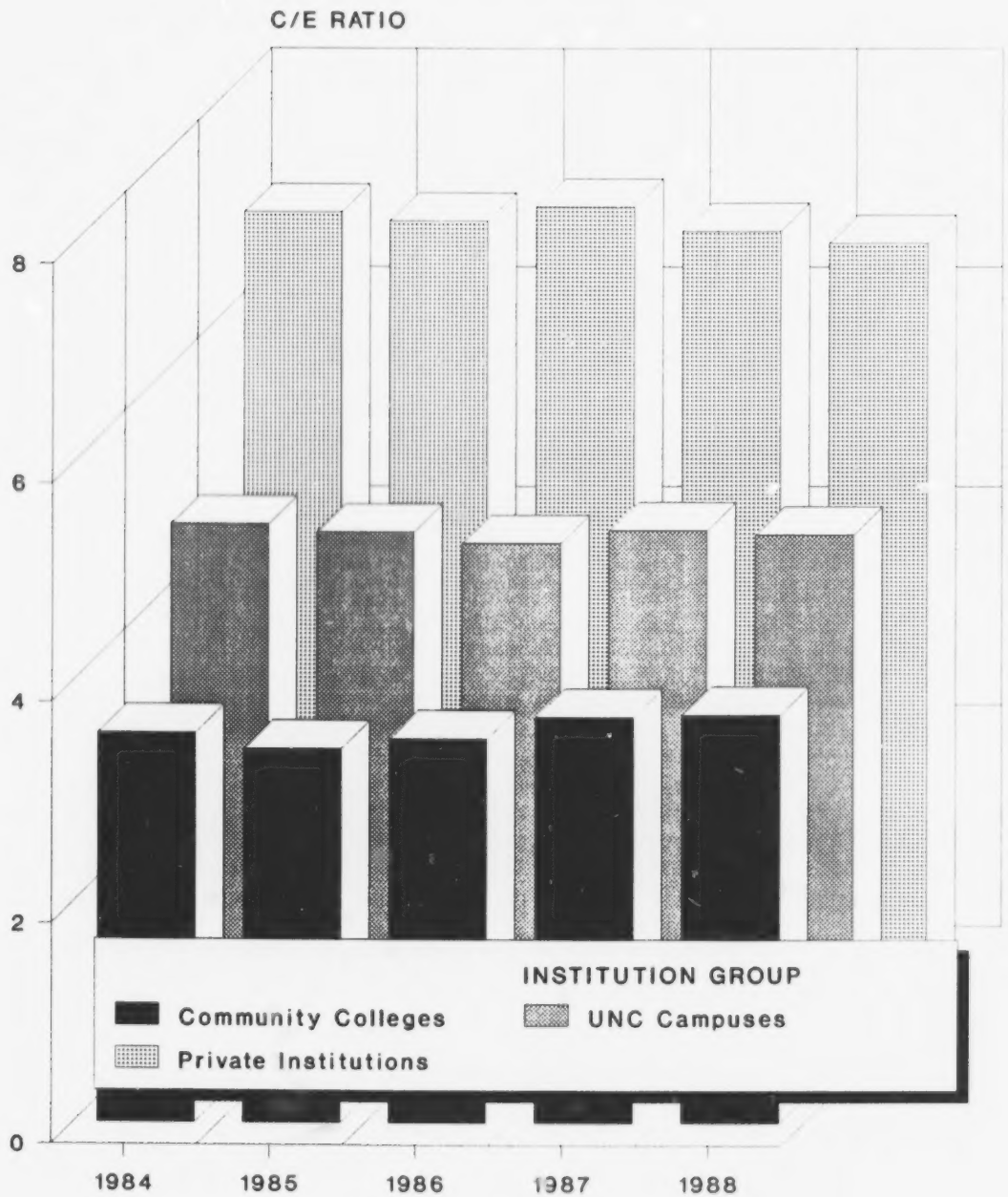
Student Clock Hours

Student clock hours is a measurement of the total weekly hours of scheduled instruction for all of an institution's students. It is computed for each course by multiplying the number of times the course meets each week by the number of hours of each course meeting (rounded to the half hour), and multiplying that product by the number of students. Thus, if a course with 20 students meets Tuesdays and Thursdays from 9:00 a.m. until 10:30 a.m., the number of student clock hours resulting from that class would be 60 (2 meetings/week x 1.5 hours/meeting x 20 students).

The student clock hours reported in this study are based upon on-campus courses, both credit and non-credit, which were in progress during the week following the drop-add period of the fall term and which lasted for at least eight weeks. More detailed student clock hour data are provided in Table 8.

$$\text{CAPACITY/ENROLLMENT RATIO} = \frac{\text{INSTRUCTIONAL \& LIBRARY SPACE}}{\text{TOTAL WEEKLY STUDENT CLOCK HOURS}}$$

CAPACITY/ENROLLMENT RATIO



Capacity / Enrollment Ratio

Table 1

INSTITUTION	ASF of Instructional & Lib. Facilities	Total Student Clock Hours	Capacity / Enrollment Ratio				
			1988	1987	1986	1985	1984
Major Research Universities:							
NC State	1,236,950	326,599.0	3.79	4.14	3.50	3.55	3.53
NC State Vet.	-	-	-	-	-	-	-
UNC-Chapel Hill	1,466,021	265,694.5	5.52	5.60	5.28	5.40	6.20
UNC-Health Aff.	-	-	-	-	-	-	-
SUBTOTAL	2,702,971	592,293.5	4.56	4.81	4.27	4.36	4.67
Other Doctoral Universities:							
UNC-Greensboro	558,950	138,594.0	4.03	4.33	4.84	4.99	5.12
Comprehensive Universities:							
Appalachian	634,186	147,563.0	4.30	3.88	4.13	4.44	4.50
East Carolina	732,331	189,247.0	3.87	3.37	3.53	3.59	3.60
ECU-Health Aff.	-	-	-	-	-	-	-
Fayetteville	227,392	34,208.5	6.65	6.68	4.63	4.62	-
NC A & T	547,137	81,148.0	6.74	6.09	6.38	5.83	6.41
NC Central	419,663	57,127.5	7.35	7.04	7.77	7.70	6.41
UNC-Charlotte	542,419	167,665.5	3.24	3.54	3.74	3.89	3.64
UNC-Wilmington	334,570	93,170.5	3.59	3.47	2.93	3.03	-
West'n Carolina	489,232	79,576.5	6.15	6.63	6.66	6.29	5.74
SUBTOTAL	3,926,930	849,706.5	4.62	4.48	4.55	4.60	4.65
Gen. Baccalaureate Universities:							
Elizabeth City	183,432	28,753.0	6.38	6.54	5.83	6.78	7.42
Fayetteville	-	-	-	-	-	-	5.13
Pembroke	193,781	35,544.0	5.45	5.97	6.26	6.80	7.21
UNC-Asheville	179,442	38,127.5	4.71	4.27	4.29	4.53	3.65
UNC-Wilmington	-	-	-	-	-	-	3.17
Winston-Salem	217,915	32,962.5	6.61	6.56	6.05	6.60	6.58
SUBTOTAL	774,570	135,387.0	5.72	5.77	5.58	6.11	4.91

Capacity / Enrollment Ratio

Table 1

INSTITUTION	ASF of Instructional & Lib. Facilities	Total Student Clock Hours	Capacity / Enrollment Ratio				
			1988	1987	1986	1985	1984
Specialized Institution:							
NC Sch. of Arts*	173,400	23,642.5	7.33	8.32	7.94	8.40	7.60
Community Colleges:							
SUBTOTAL	5,761,758	1,560,100.5	3.69	3.67	3.47	3.38	3.52
PRIVATE INSTITUTIONS							
Major Research Universities:							
SUBTOTAL	1,191,910	181,747.5	6.56	6.58	6.81	7.02	6.95
Gen. Baccalaureate Colleges:							
SUBTOTAL	3,351,064	501,693.0	6.68	6.86	7.04	6.83	6.98
Junior Colleges:							
SUBTOTAL*	421,544	59,839.0	7.04	6.92	7.34	6.92	6.89
GRAND TOTAL	18,863,097	4,043,003.5	4.67	4.71	4.60	4.59	4.71

* High school courses at N.C. School of the Arts and St. Mary's College (Junior Colleges) are included in the data for these institutions.

Capacity / Enrollment Ratio

Table 1

INSTITUTION	ASF of Instructional & Lib. Facilities	Total Student Clock Hours	Capacity / Enrollment Ratio				
			1988	1987	1986	1985	1984
Community Colleges:							
Alamance CC	81,319	35,213.0	2.31	2.69	2.46	2.48	2.39
Anson CC	34,806	5,740.0	6.06	5.97	6.15	5.66	8.31
Ashev'le-Bun. TCC	184,887	39,615.0	4.67	4.14	3.46	3.64	4.18
Beaufort Co. CC	67,896	13,310.5	5.10	5.33	5.08	4.85	5.86
Bladen CC	49,129	8,182.0	6.00	6.69	5.09	5.23	6.41
Blue Ridge CC	81,212	16,973.5	4.78	4.39	3.94	3.83	4.15
Brunswick CC	67,652	8,463.0	7.99	5.69	4.92	4.86	5.09
Caldwell CC & TI	85,154	22,626.0	3.76	3.79	3.37	3.19	3.35
Cape Fear CC	101,139	35,941.0	2.81	2.98	2.84	3.23	3.57
Carteret CC	61,261	19,400.0	3.16	3.00	3.35	3.42	3.68
Catawba Vy. CC	149,684	36,774.5	4.07	3.76	3.80	3.57	4.09
C. Carolina CC	97,573	26,357.0	3.70	3.39	3.01	2.97	3.02
C. Piedmont CC	351,979	149,896.5	2.35	2.09	1.84	2.22	2.26
Cleveland CC	86,566	16,977.0	5.10	6.45	5.90	4.10	4.06
Coastal Car. CC	122,722	46,386.0	2.65	2.97	2.73	2.67	3.07
Col. Albemarle	72,495	19,554.5	3.71	3.73	3.48	3.47	4.11
Craven CC	78,634	33,384.0	2.36	2.39	2.69	2.85	2.82
Davidson Co. CC	105,418	25,566.5	4.12	5.04	3.66	3.46	3.64
Durham TCC	114,993	43,304.0	2.66	2.59	2.68	2.73	2.75
Edgecombe CC	70,438	12,136.5	5.80	5.90	5.69	6.10	6.21
Fayettev'le TCC	163,646	65,404.5	2.50	2.59	2.34	2.39	2.30
Forsyth TCC	210,681	56,522.5	3.73	4.42	4.13	3.88	3.47
Gaston Col.	142,629	38,372.0	3.72	4.08	4.44	3.69	4.32
Guilford TCC	308,474	88,506.5	3.49	3.33	3.22	3.53	3.66
Halifax CC	60,620	15,943.5	3.80	5.20	4.30	3.33	2.90
Haywood CC	117,004	26,892.5	4.35	4.70	4.29	3.50	4.16
Isothermal CC	128,773	27,746.5	4.64	4.49	4.60	4.29	4.34
J. Sprunt CC	62,280	10,638.0	5.85	6.31	6.21	5.53	5.29
Johnston CC	73,116	24,028.0	3.04	3.14	3.49	3.74	3.87
Lenoir CC	126,348	29,992.5	4.21	4.13	4.90	4.01	3.55

Capacity / Enrollment Ratio

Table 1

INSTITUTION	ASF of Instructional & Lib. Facilities	Total Student Clock Hours	Capacity / Enrollment Ratio				
			1988	1987	1986	1985	1984
Community Colleges:							
Martin CC	78,585	10,688.0	7.35	6.75	8.04	7.68	7.26
Mayland CC	33,720	7,276.0	4.63	3.67	3.64	3.42	2.91
McDowell TCC	55,948	9,120.5	6.13	6.20	4.08	4.36	3.87
Mitchell CC	112,866	23,422.5	4.82	5.56	4.31	4.79	4.44
Montgomery CC	36,294	7,571.0	4.79	4.92	4.45	4.89	4.97
Nash CC	107,783	23,008.5	4.68	3.91	3.90	2.80	3.13
Pamlico CC	20,814	3,241.0	6.42	8.47	7.61	8.43	8.98
Piedmont CC	54,394	9,744.0	5.58	5.82	5.46	5.83	5.65
Pitt CC	102,682	38,786.0	2.65	2.62	2.61	2.54	2.61
Randolph CC	103,634	23,032.0	4.50	4.60	4.52	3.76	4.04
Richmond CC	73,716	13,075.0	5.64	4.58	4.10	3.74	4.10
Roanoke-Cho. CC	56,616	9,987.0	5.67	5.61	5.32	4.45	4.59
Robeson CC	110,408	17,912.0	6.16	4.92	3.86	3.47	3.90
Rockingham CC	142,985	23,934.0	5.97	5.33	5.04	4.94	5.37
Rowan-Cab. CC	107,450	28,844.0	3.73	3.71	3.44	3.69	3.65
Sampson CC	60,222	13,419.5	4.49	4.42	2.73	2.53	2.60
Sandhills CC	107,614	33,311.0	3.23	3.65	3.33	3.44	3.47
Southeastern CC	88,186	22,171.5	3.98	4.40	4.36	3.72	4.10
Southwestern CC	82,351	13,624.5	6.04	4.57	4.22	3.29	3.77
Stanly CC	49,791	14,215.5	3.50	4.28	3.81	2.92	3.03
Surry CC	98,212	29,340.0	3.35	3.35	3.19	3.32	3.41
Tri-County CC	63,341	10,640.0	5.95	5.56	4.98	5.33	5.31
Vance-Granv. CC	80,208	19,294.5	4.16	3.34	3.43	3.18	3.35
Wake TCC	146,549	49,197.0	2.98	2.54	2.65	2.48	2.61
Wayne CC	105,992	36,639.0	2.89	3.42	3.37	2.97	3.00
W. Piedmont CC	69,664	24,827.0	2.81	3.31	3.53	2.91	3.08
Wilkes CC	72,236	24,133.0	2.99	3.30	3.32	3.26	3.92
Wilson Co. TC	80,969	19,799.5	4.09	4.93	4.76	3.97	4.24
TOTAL	5,761,758	1,560,100.5	3.69	3.67	3.47	3.38	3.52

TABLE 2:

SQUARE FEET OF ACADEMIC FACILITIES PER FTE STUDENT

The ratio of an institution's square footage of academic facilities to its full-time equivalent enrollment represents an important index of the instructional utilization of campus facilities. It was first used by the U. S. Office of Education as a planning standard in the 1960's. In 1969, the Office of Education published an extensive study entitled Federal Support for Higher Education Construction: Current Programs and Future Needs which provided normative figures by level and control of institution. The figures, which are still widely used in determining facilities needs, can be summarized as follows:

Institutional Level	Public	Private	Total
University	132	150	136
Four-year	93	103	98
Two-year	70	75	70
All Institutions	103	115	107

There is currently much national interest today in updating these norms through a new national survey of higher education facilities.

Academic Facilities

"Academic facilities" is a broader concept than "instructional and library space" (page 9). In general terms, it includes all space used for instruction, research, and the administration or support of instruction or research.

Academic facilities can be more precisely defined in terms of program codes (pages 87-88, 93-95, 102-103, 108-109, 112-113) and room use codes (page 118). The term refers to an institution's total assignable area (page 81) less the square footage of all rooms bearing program codes 42 (Museums and Galleries), 52 (Social and Cultural Development), 55 (Student Auxiliary Services), 56 (Intercollegiate Athletics), 65 (Faculty and Staff Auxiliary Services), 66 (Public Relations/Development), 91-92 (Independent Operations), and 02 (Incapable of Use). In addition, space with program code 63 (General Administration and Logistical Service) is deleted if it also has room use code 750 (Central Food Stores), or 760 (Central Laundry). Space with program 01 (Unassigned, Capable of Use) and any of the following room use codes is also excluded from academic facilities: 523 (Athletic Facilities Spectator Seating), 630 (Food Facilities), 635 (Food Facilities Service), 660 (Merchandising Facilities), 665 (Merchandising Facilities Service), 750 (Central Food Stores), 760 (Central Laundry), all of the 800's (Health Care Facilities), and all of the 900's (Residential Facilities). Because of federal reporting requirements, all space associated with academic programs in theology (HEGIS taxonomy code 2300) is also excluded.

FTE Enrollment

Full-time equivalent (FTE) enrollment is computed by assigning a percentage to each part-time student to reflect his/her course load and then adding the result to the total full-time enrollment. FTE enrollment differs from the other frequently used standard for estimating student populations, headcount enrollment, in that the latter treats full-time and part-time students identically. A more detailed description of the procedure used in calculating FTE enrollment can be found on page 69.

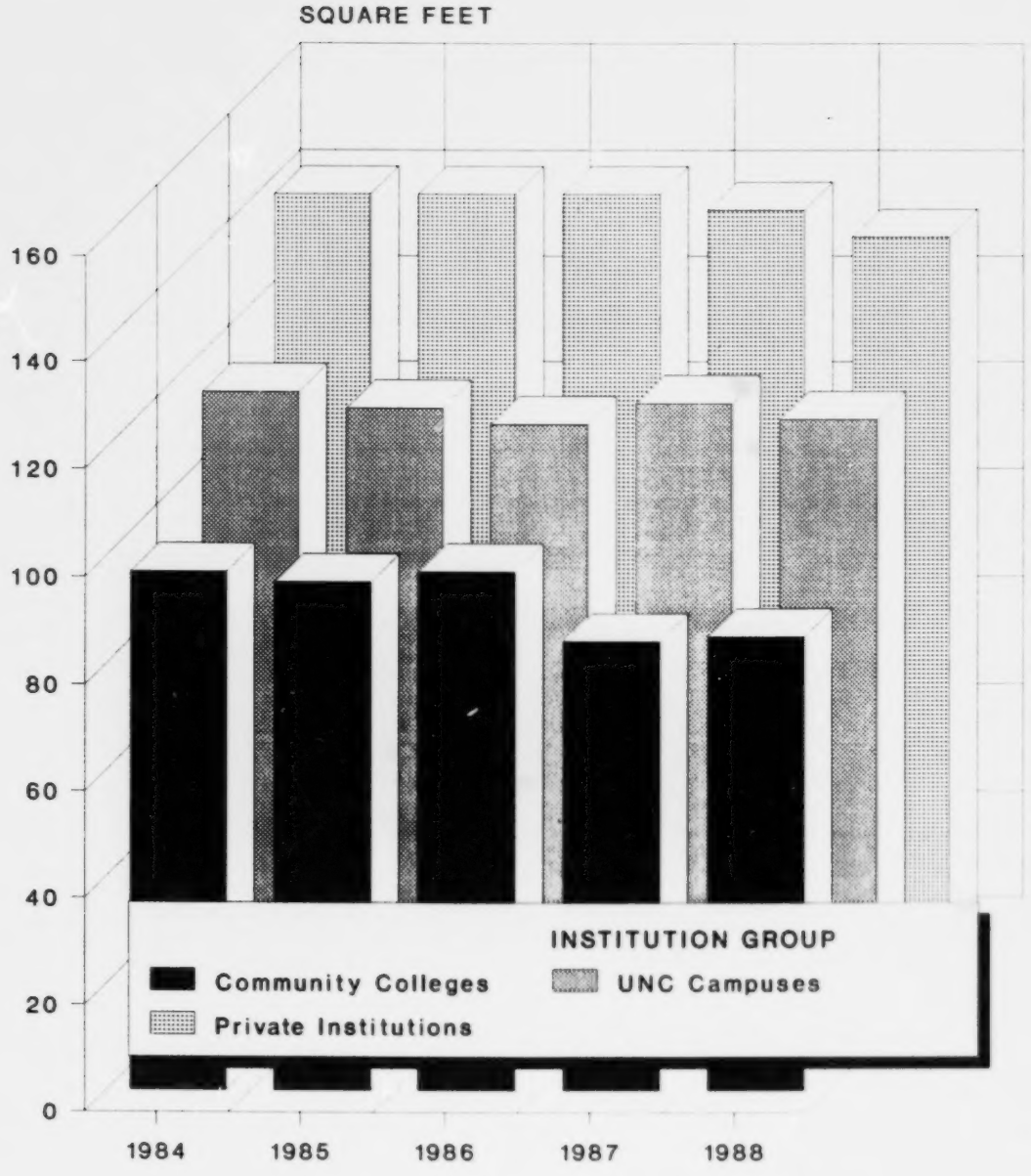
The FTE enrollments which are reported for the institutions of the Community College System exclude enrollment generated by off-campus instruction and enrollment in non-credit courses. Total FTE enrollments for these institutions--which take into account all credit instruction regardless of where it is conducted--are not listed in Table 2 because they are irrelevant to space utilization analysis. They are reported, however, in the parenthesized figures of Table 12.

Beginning last year the Department of Community Colleges reported FTE figures based on a contact-hour formula instead of the previous credit-hour basis of calculation (see pages 69-70). To maintain an accurate table and graph presentation of trend over the past five years, figures for 1984-1987, in addition to the current 1988 figures, have been calculated on the basis of this conversion. This has had an overall impact of slightly increasing FTE and thus decreasing square feet of academic facilities per FTE student. For the Community Colleges, therefore, previous year figures for Table 2 and Table 12 in this study published before 1987 will not coincide with those in the 1987 and 1988 publications.

SQ. FT. OF ACADEMIC FACILITIES PER FTE STUDENT =

$$\frac{\text{SQUARE FEET OF ACADEMIC FACILITIES}}{\text{FTE ENROLLMENT}}$$

SQUARE FEET OF ACADEMIC FACILITIES PER FTE STUDENT



Square Feet of Academic Facilities Per FTE Student

Table 2

INSTITUTION	ASF of Academic Facilities	FTE Enrollment	Sq. Ft. of Academic Facilities Per FTE Student				
			1988	1987	1986	1985	1984
Major Research Universities:							
NC State	2,629,233	20,438	129	136	126	125	127
NC State Vet.	215,273	278	774	780	763	851	975
UNC-Chapel Hill	2,468,442	18,293	135	140	129	132	144
UNC-Health Aff.	1,165,377	3,056	381	368	369	369	364
SUBTOTAL*	5,097,675	38,731	132	138	127	128	135
Other Doctoral Universities:							
UNC-Greensboro	885,912	9,692	91	96	95	101	103
Comprehensive Universities:							
Appalachian	935,222	10,444	90	89	93	99	101
East Carolina	1,056,981	13,202	80	74	78	80	82
ECU-Health Aff.	387,140	953	406	437	360	331	297
Fayetteville	325,916	2,338	139	141	104	102	-
NC A & T	874,941	5,438	161	160	152	153	161
NC Central	580,643	4,383	132	134	135	140	125
UNC-Charlotte	751,139	11,014	68	73	75	80	75
UNC-Wilmington	457,328	6,077	75	73	66	66	-
West'n Carolina	688,217	5,376	128	140	140	135	128
SUBTOTAL*	5,670,387	58,272	97	98	98	100	104
Gen. Baccalaureate Universities:							
Elizabeth City	276,335	1,608	172	169	157	172	175
Fayetteville	-	-	-	-	-	-	113
Pembroke	256,082	2,435	105	113	121	127	135
UNC-Asheville	244,667	2,440	100	89	89	99	100
UNC-Wilmington	-	-	-	-	-	-	67
Winston-Salem	323,523	2,219	146	144	147	161	160
SUBTOTAL	1,100,607	8,702	126	125	126	138	112

Square Feet of Academic Facilities Per FTE Student

Table 2

INSTITUTION	ASF of Academic Facilities	FTE Enrollment	Sq. Ft. of Academic Facilities Per FTE Student				
			1988	1987	1986	1985	1984
Specialized Institution:							
NC Sch. of Arts**	242,115	488	496	451	456	430	412
Community Colleges:							
SUBTOTAL	7,156,374	84,338	85	84	78	77	78
PRIVATE INSTITUTIONS							
Major Research Universities:							
SUBTOTAL*	2,128,777	14,433	147	151	150	153	155
Gen. Baccalaureate Colleges:							
SUBTOTAL	4,437,820	35,620	125	130	134	132	132
Junior Colleges:							
SUBTOTAL**	532,871	3,240	164	166	175	168	174
GRAND TOTAL	27,252,538	253,516	107	110	104	104	107

* Division of Health Affairs and NCSU Veterinary School are excluded from all totals.

** The exclusion of high school student enrollment from this table results in a significant understatement of the total utilization of academic facilities at N. C. School of the Arts and St. Mary's Colleges (Junior Colleges).

Square Feet of Academic Facilities Per FTE Student

Table 2

INSTITUTION	ASF of Academic Facilities	FTE Enrollment	Sq. Ft. of Academic Facilities Per FTE Student				
			1988	1987	1986	1985	1984
Community Colleges:							
Alamance CC	98,187	1,712	57	64	58	62	57
Anson CC	45,474	281	162	146	153	150	162
Ashev'le-Bun. TCC	226,747	2,109	108	93	85	88	90
Beaufort Co. CC	88,452	859	103	108	102	97	107
Bladen CC	64,251	416	154	135	121	115	156
Blue Ridge CC	102,133	872	117	95	86	82	90
Brunswick CC	77,993	528	148	123	103	108	128
Caldwell CC & TI	108,221	1,357	80	80	76	107	73
Cape Fear CC	124,879	2,080	60	63	58	73	88
Carteret CC	86,438	967	89	86	96	104	112
Catawba Vy. CC	183,502	1,716	107	95	90	93	95
C. Carolina CC	113,836	1,601	71	71	59	58	58
C. Piedmont CC	432,572	8,185	53	54	48	50	53
Cleveland CC	101,596	751	135	151	141	124	126
Coastal Car. CC	141,218	2,510	56	60	57	57	61
Col. Albemarle	86,311	961	90	92	89	85	72
Craven CC	87,426	1,055	83	88	84	70	75
Davidson Co. CC	133,887	1,696	79	78	76	79	74
Durham TCC	147,201	2,552	58	63	60	59	60
Edgecombe CC	82,682	773	107	120	100	89	106
Fayettev'le TCC	237,258	4,226	56	50	46	47	48
Forsyth TCC	248,848	2,786	89	103	96	98	68
Gaston Col.	169,119	2,573	66	76	69	68	75
Guilford TCC	370,440	4,571	81	74	81	88	81
Halifax CC	74,861	751	100	115	103	68	78
Haywood CC	156,710	1,069	147	145	138	116	134
Isothermal CC	153,196	1,316	116	101	88	82	83
J. Sprunt CC	76,348	609	125	124	113	116	108
Johnston CC	96,628	1,545	63	70	78	75	80
Lenoir CC	145,257	1,764	82	84	87	81	87

Square Feet of Academic Facilities Per FTE Student

Table 2

INSTITUTION	ASF of Academic Facilities	FTE Enrollment	Sq. Ft. of Academic Facilities Per FTE Student				
			1988	1987	1986	1985	1984
Community Colleges:							
Martin CC	96,839	526	184	161	177	173	165
Mayland CC	49,642	419	118	74	73	63	60
McDowell TCC	66,288	520	127	129	81	89	81
Mitchell CC	150,155	1,075	140	143	110	112	115
Montgomery CC	43,852	350	125	114	113	106	104
Nash CC	121,706	876	139	88	82	63	82
Pamlico CC	26,713	144	186	254	215	219	264
Piedmont CC	88,575	423	209	191	192	178	121
Pitt CC	126,612	2,205	57	57	53	54	55
Randolph CC	128,229	1,200	107	106	102	88	95
Richmond CC	94,624	788	120	99	89	84	89
Roanoke-Cho. CC	76,401	580	132	138	129	115	100
Robeson CC	143,064	1,119	128	110	92	82	100
Rockingham CC	167,099	1,267	132	120	106	113	122
Rowan-Cab. CC	133,386	1,488	90	90	88	96	84
Sampson CC	72,798	789	92	99	65	61	62
Sandhills CC	133,223	1,993	67	71	69	65	70
Southeastern CC	107,361	1,181	91	98	88	73	75
Southwestern CC	105,580	849	124	95	77	73	77
Stanly CC	60,463	767	79	85	78	75	92
Surry CC	115,302	1,591	72	75	69	69	73
Tri-County CC	69,249	604	115	136	119	110	121
Vance-Granv. CC	99,733	1,197	83	77	78	75	79
Wake TCC	191,835	2,677	72	66	61	59	58
Wayne CC	123,244	1,713	72	78	75	66	68
W. Piedmont CC	91,904	1,645	56	66	66	60	70
Wilkes CC	103,678	1,240	84	90	84	79	96
Wilson Co. TC	107,148	921	116	148	113	108	114
TOTAL	7,156,374	84,338	85	84	78	77	78

TABLE 3:

AVERAGE WEEKLY ROOM HOURS OF INSTRUCTION IN CLASSROOMS

The average weekly room hours of instruction in classrooms is calculated by dividing the total room hours of instruction in classrooms by the total number of classrooms. In more general terms, it is the average number of hours that an institution's classrooms are used for instructional purposes each week.

The total room hours of instruction in classrooms is the number of hours each week that each classroom is used for regularly scheduled classes. Thus, a classroom which is used Mondays, Wednesdays, and Fridays from 9:00 a.m. until 1:00 p.m. and on Tuesdays and Thursdays from 8:30 a.m. until noon would generate 19 room hours (4 hours/day x 3 days/week + 3.5 hours/day x 2 days/week). Table 3 indicates the total room hours of instruction in classrooms; the total number of classrooms can be found in Table 16.

For purposes of this study, a classroom is defined as a room used to conduct classes that do not require special-purpose equipment for student use. Thus, a classroom is by definition a general use facility which could be used for teaching the lecture portion of any course. If a room is used for regularly scheduled classes but has special equipment which ties it to a particular subject matter, then the room is a class laboratory and its use would not be taken into account in this table.

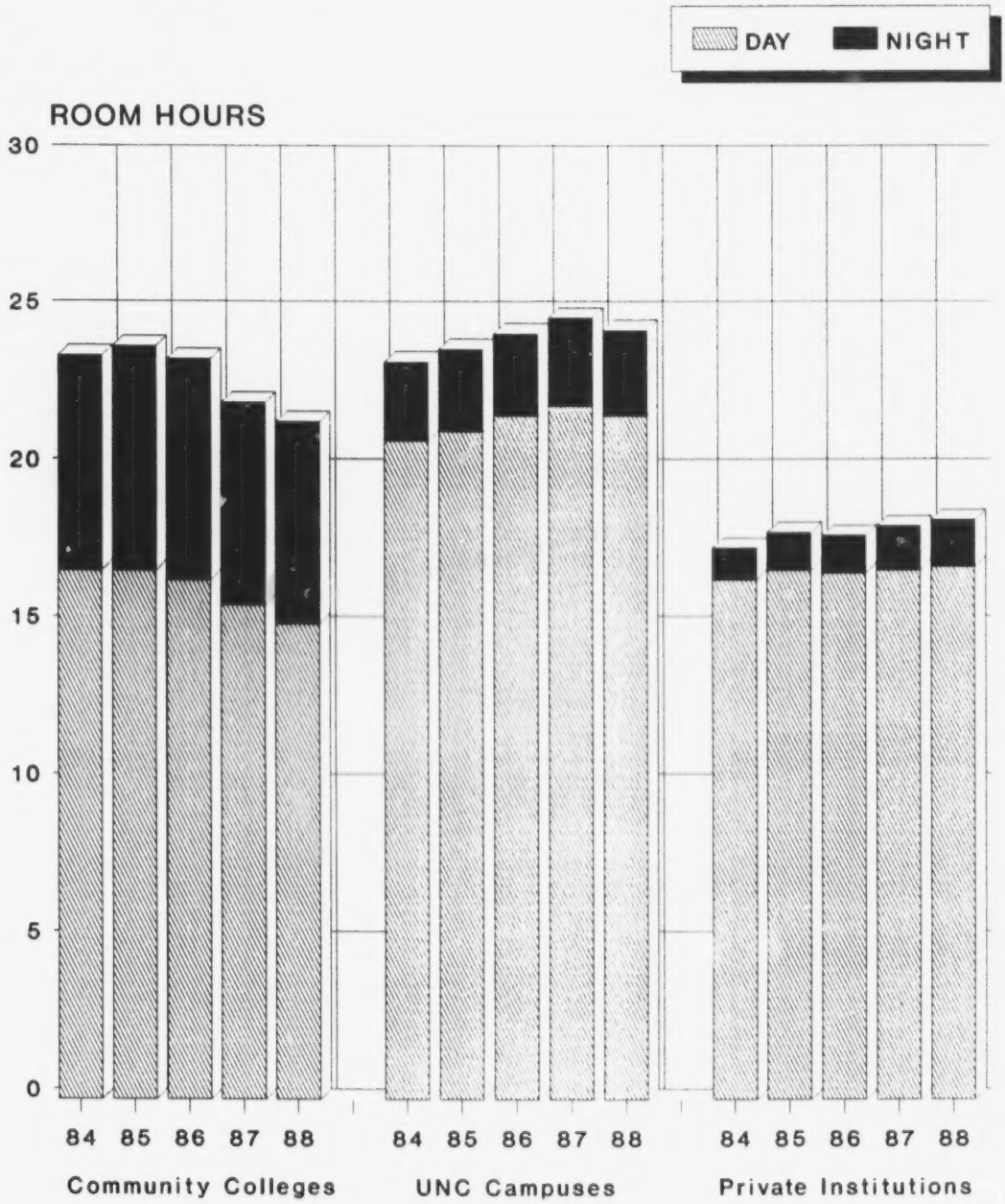
Table 3 separates average weekly room hours of instruction in classrooms into daytime and nighttime utilizations. Daytime utilization is based on all classes with beginning times between and including 5:00 a.m. and 4:59 p.m.; nighttime utilization is based on all other classes. The "All Hours" section of Table 3 indicates the sum of the daytime and nighttime figures for the last five years.

The average weekly room hours of classroom instruction can serve as an indicator of the adequacy of the number of classrooms at an institution. A frequently cited norm is 30 hours of instruction in classrooms per week, but the institutions in North Carolina and in many other states average significantly fewer hours.

AVG. WEEKLY ROOM HOURS OF INSTRUCTION IN CLASSROOMS =

$$\frac{\text{TOTAL ROOM HOURS OF INSTRUCTION IN CLASSROOMS}}{\text{TOTAL NUMBER OF CLASSROOMS}}$$

AVERAGE WEEKLY ROOM HOURS OF INSTRUCTION IN CLASSROOMS



Average Weekly Room Hours of Instruction in Classrooms

Table 3

INSTITUTION	Total Room Hours	Daytime Hours	Nighttime Hours	All Hours				
				1988	1987	1986	1985	1984
Major Research Universities:								
NC State	7,928.0	29.6	2.6	32.2	31.5	31.7	31.1	29.9
NC State Vet.	-	-	-	-	-	-	-	-
UNC-Chapel Hill	6,751.5	25.7	1.3	27.0	27.6	26.6	26.3	25.9
UNC-Health Aff.	-	-	-	-	-	-	-	-
SUBTOTAL	14,679.5	27.6	2.0	29.6	29.6	29.2	28.8	28.0
Other Doctoral Universities:								
UNC-Greensboro	3,343.0	21.4	4.1	25.5	24.2	20.6	20.8	19.8
Comprehensive Universities:								
Appalachian	4,487.0	26.0	1.7	27.7	30.2	29.0	28.6	28.5
East Carolina	4,773.5	19.5	3.0	22.5	27.2	26.3	25.3	24.5
ECU-Health Aff.	-	-	-	-	-	-	-	-
Fayetteville	1,342.5	20.1	4.3	24.4	24.5	24.3	23.6	-
NC A & T	2,684.0	12.5	1.9	14.4	14.6	15.7	15.3	15.4
NC Central	2,143.0	11.8	2.8	14.6	13.7	13.4	14.0	15.6
UNC-Charlotte	3,903.0	28.7	6.5	35.2	32.7	31.7	31.6	32.1
UNC-Wilmington	2,529.5	30.8	2.9	33.7	37.0	34.9	34.6	-
West'n Carolina	2,524.0	22.5	2.3	24.8	20.8	21.2	21.5	21.9
SUBTOTAL	24,386.5	20.3	2.9	23.2	23.9	23.6	23.4	22.7
Gen. Baccalaureate Universities:								
Elizabeth City	908.5	17.2	2.1	19.3	20.1	23.5	18.6	17.0
Fayetteville	-	-	-	-	-	-	-	22.0
Pembroke	1,248.5	14.8	2.1	16.9	15.0	15.0	14.6	14.1
UNC-Asheville	1,410.0	24.7	8.1	32.8	38.5	36.7	31.4	29.7
UNC-Wilmington	-	-	-	-	-	-	-	33.5
Winston-Salem	1,176.0	13.1	2.0	15.1	16.0	15.7	14.1	14.1
SUBTOTAL	4,743.0	16.5	3.1	19.6	20.1	20.2	18.3	21.1

Average Weekly Room Hours of Instruction in Classrooms

Table 3

INSTITUTION	Total Room Hours	Daytime Hours	Nighttime Hours	All Hours				
				1988	1987	1986	1985	1984
Specialized Institution:								
NC Sch. of Arts	338.0	13.0	0.0	13.0	12.6	15.2	12.2	12.8
Community Colleges:								
SUBTOTAL	48,812.5	15.1	6.4	21.5	22.1	23.5	23.9	23.6
PRIVATE INSTITUTIONS								
Major Research Universities:								
SUBTOTAL	5,653.5	19.0	0.6	19.6	20.1	19.7	18.8	18.2
Gen. Baccalaureate Colleges:								
SUBTOTAL	19,878.0	16.6	1.8	18.4	17.9	17.8	18.0	17.6
Junior Colleges:								
SUBTOTAL	2,036.5	15.0	0.3	15.3	15.8	15.9	16.4	16.1
GRAND TOTAL	123,870.5	17.8	3.9	21.7	22.0	22.2	22.2	21.8

Average Weekly Room Hours of Instruction in Classrooms

Table 3

INSTITUTION	Total Room Hours	Daytime Hours	Nighttime Hours	All Hours				
				1988	1987	1986	1985	1984
Community Colleges:								
Alamance CC	1,124.0	25.1	11.2	36.3	30.2	31.4	28.8	32.1
Anson CC	246.0	13.8	5.2	19.0	13.7	15.7	22.4	13.5
Ashev'le-Bun. TCC	1,387.0	10.3	4.1	14.4	17.7	20.0	18.0	17.7
Beaufort Co. CC	565.5	16.2	4.0	20.2	19.2	18.1	19.6	16.2
Bladen CC	218.0	10.2	2.6	12.8	9.7	16.1	17.1	19.1
Blue Ridge CC	555.0	11.6	7.5	19.1	26.8	25.8	25.3	23.8
Brunswick CC	422.5	8.7	4.1	12.8	20.9	20.1	22.8	23.6
Caldwell CC & TI	730.0	16.6	7.8	24.4	22.4	26.8	24.9	24.8
Cape Fear CC	802.0	22.7	7.0	29.7	33.2	32.2	33.5	31.3
Carteret CC	623.0	15.7	9.2	24.9	24.8	19.1	21.1	20.5
Catawba Vy. CC	1,140.5	11.0	7.1	18.1	18.8	20.5	20.8	20.8
C. Carolina CC	894.5	19.4	8.5	27.9	27.7	31.6	32.4	34.2
C. Piedmont CC	4,095.0	20.2	8.1	28.3	30.0	36.6	33.1	33.0
Cleveland CC	588.5	9.8	7.5	17.3	15.7	18.0	18.7	19.1
Coastal Car. CC	1,653.5	24.8	11.2	36.0	33.9	37.6	35.0	31.5
Col. Albemarle	552.0	14.3	6.2	20.5	21.3	21.2	21.1	23.3
Craven CC	848.5	18.0	6.3	24.3	27.7	28.0	29.1	26.2
Davidson Co. CC	807.5	14.0	5.6	19.6	18.3	24.4	24.0	20.0
Durham TCC	1,489.0	18.8	10.4	29.2	29.6	27.8	23.2	30.2
Edgecombe CC	580.0	9.1	5.1	14.2	8.0	20.4	16.3	18.0
Fayettev'le TCC	2,306.5	22.6	7.8	30.4	30.2	31.9	34.5	32.9
Forsyth TCC	1,971.5	14.4	8.5	22.9	18.0	19.8	19.4	26.1
Gaston Col.	1,097.5	15.1	5.2	20.3	21.0	20.1	22.0	19.1
Guilford TCC	2,807.5	16.8	7.4	24.2	23.4	21.9	21.6	22.6
Halifax CC	469.0	12.2	5.8	18.0	15.5	19.6	26.7	30.0
Haywood CC	597.0	18.9	5.0	23.9	21.4	22.0	25.8	19.9
Isothermal CC	792.0	12.4	4.8	17.2	20.6	17.9	21.6	19.6
J. Sprunt CC	445.0	11.7	4.2	15.9	21.4	16.8	17.8	19.4
Johnston CC	729.5	17.8	7.3	25.1	29.1	22.2	21.2	24.0
Lenoir CC	933.0	14.6	3.4	18.0	17.8	17.0	19.7	18.1

Average Weekly Room Hours of Instruction in Classrooms

Table 3

INSTITUTION	Total Room Hours	Daytime Hours	Nighttime Hours	All Hours				
				1988	1987	1986	1985	1984
Community Colleges:								
Martin CC	381.5	11.0	4.3	15.3	15.5	13.5	14.9	15.4
Mayland CC	285.0	18.3	7.6	25.9	28.0	28.9	31.6	30.7
McDowell TCC	246.5	4.5	6.8	11.3	10.5	14.6	17.8	17.9
Mitchell CC	599.5	8.3	4.2	12.5	11.2	16.6	15.9	18.4
Montgomery CC	241.0	13.8	8.1	21.9	19.0	24.0	24.2	21.4
Nash CC	882.5	13.1	6.5	19.6	17.8	16.3	27.4	22.1
Pamlico CC	146.0	10.8	5.4	16.2	13.4	12.5	13.3	13.3
Piedmont CC	340.0	8.2	4.4	12.6	14.3	19.3	16.4	20.5
Pitt CC	1,172.5	26.9	7.6	34.5	32.4	26.8	26.9	26.7
Randolph CC	661.5	11.0	6.9	17.9	19.4	17.3	22.7	23.1
Richmond CC	527.0	11.3	6.3	17.6	19.0	19.8	24.5	24.8
Roanoke-Cho. CC	419.0	11.1	3.3	14.4	15.7	18.7	17.8	17.0
Robeson CC	562.5	7.4	4.8	12.2	19.8	23.4	21.1	21.8
Rockingham CC	744.5	12.8	5.4	18.2	24.4	24.2	22.8	19.6
Rowan-Cab. CC	956.0	11.8	9.4	21.2	21.8	24.3	22.3	21.0
Sampson CC	428.5	11.3	7.4	18.7	22.3	32.2	25.8	31.8
Sandhills CC	881.5	18.4	4.8	23.2	23.1	28.6	25.1	25.6
Southeastern CC	566.5	12.7	3.5	16.2	16.5	17.1	20.4	20.8
Southwestern CC	416.0	9.0	2.6	11.6	15.8	20.8	24.3	21.8
Stanly CC	525.5	15.9	6.0	21.9	16.0	20.2	23.5	19.7
Surry CC	698.5	16.9	6.4	23.3	26.2	26.9	24.8	22.9
Tri-County CC	349.0	8.7	6.5	15.2	20.4	24.3	17.7	18.5
Vance-Granv. CC	629.5	13.5	6.2	19.7	23.2	21.5	23.8	22.1
Wake TCC	1,685.5	19.5	4.3	23.8	32.1	32.7	28.4	26.2
Wayne CC	1,115.0	17.6	5.6	23.2	22.1	20.8	24.1	20.8
W. Piedmont CC	621.5	21.7	9.4	31.1	29.9	30.7	28.3	26.9
Wilkes CC	849.0	20.2	4.7	24.9	24.7	23.4	27.0	25.1
Wilson Co. TC	411.0	13.3	6.3	19.6	17.7	18.2	24.0	23.5
TOTAL	48,812.5	15.1	6.4	21.5	22.1	23.5	23.9	23.6

TABLE 4:

AVERAGE WEEKLY ROOM HOURS OF INSTRUCTION IN CLASS LABORATORIES

The average weekly room hours of instruction in class laboratories is calculated by dividing the total room hours of instruction in class laboratories by the total number of class laboratories. In more general terms, it is the average number of hours that an institution's class laboratories are used for instructional purposes each week.

The total room hours of instruction in class laboratories is the number of hours each week that each class laboratory is used for regularly scheduled classes. This figure is provided in Table 4; the total number of class laboratories can be found in Table 17. Table 4 also separates the average room hour data into daytime and nighttime uses of class laboratories. For specific definitions of "daytime" and "nighttime," and for a more detailed explanation of the calculation of total room hours, see page 24.

For purposes of this study, a class laboratory is defined as a room used primarily for regularly scheduled classes that require special-purpose equipment for student participation, experimentation, observation, or practice in a field of study. This definition excludes rooms used for regularly scheduled classes which have no special-purpose equipment (i.e., classrooms) and also excludes rooms with special-purpose equipment which are not used for regularly scheduled classes (i.e., other kinds of laboratories).

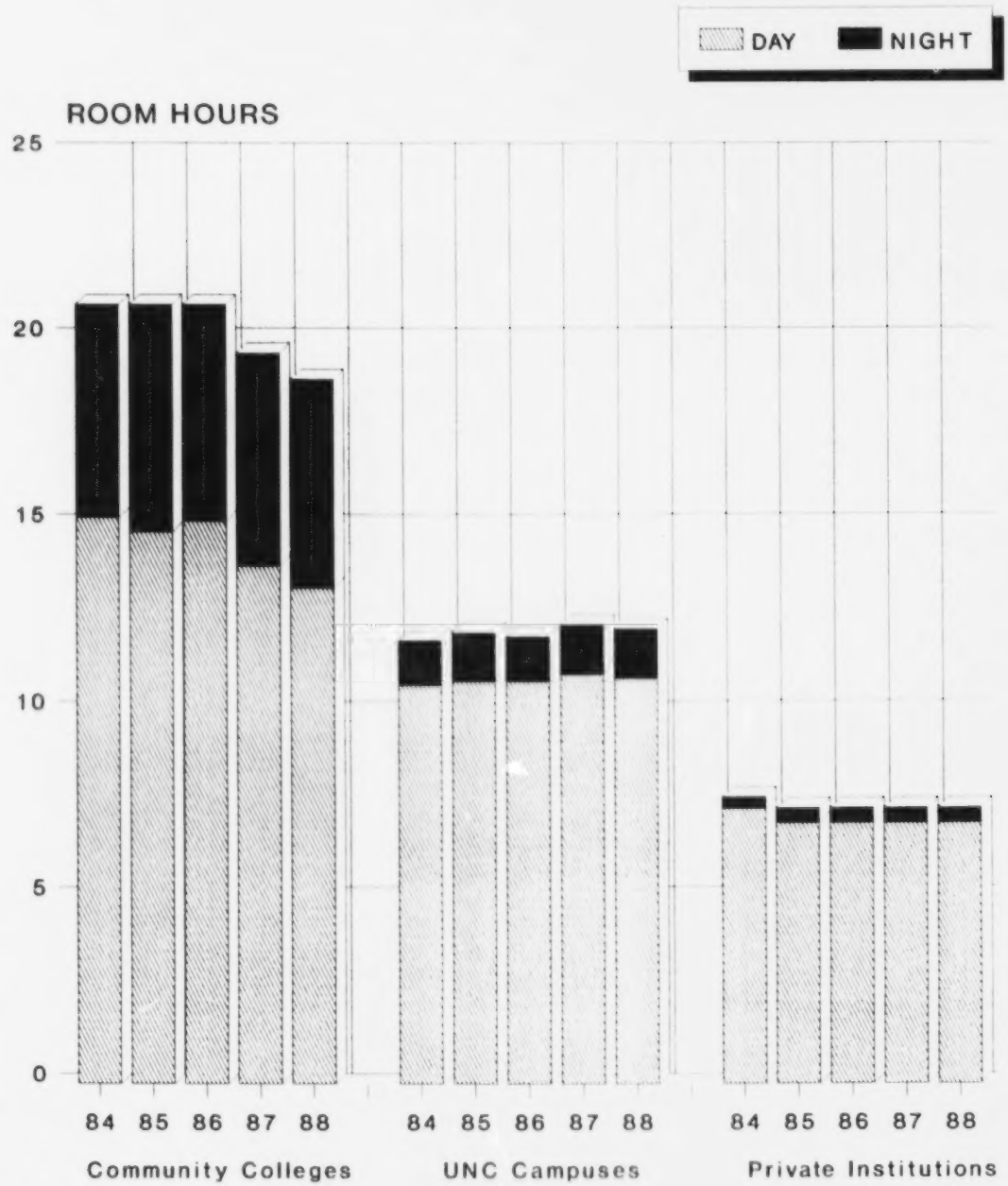
Table 4 can provide some indication of the adequacy of the number of class laboratories at a particular institution. Unfortunately, since the data reflect the utilization of all class laboratories, it is impossible to determine whether an institution's shortage (or surplus) of these rooms is limited to certain types or is "across the board." In such cases, an institution might be able to make a more useful measurement by determining the average weekly use of each type of class laboratory.

Because each class laboratory is designed for use in a particular field of study, most of them are not used as frequently as classrooms. A commonly cited norm for the average use of class laboratories is 20 hours per week. Many of the institutions of the Community College System exceed this figure, at least in part because of the technical nature of most of their instructional programs. The other colleges and universities in North Carolina generally fall well below this norm.

AVG. WEEKLY ROOM HOURS OF INSTRUCTION IN CLASS LABORATORIES =

$$\frac{\text{TOTAL ROOM HOURS OF INSTRUCTION IN CLASS LABORATORIES}}{\text{TOTAL NUMBER OF CLASS LABORATORIES}}$$

AVERAGE WEEKLY ROOM HOURS OF INSTRUCTION IN CLASS LABORATORIES



Average Weekly Room Hours of Instruction in Class Laboratories

Table 4

INSTITUTION	Total Room Hours	Daytime Hours	Nighttime Hours	All Hours				
				1988	1987	1986	1985	1984
Major Research Universities:								
NC State	2,550.0	10.9	1.1	12.0	11.5	11.4	11.3	11.2
NC State Vet.	-	-	-	-	-	-	-	-
UNC-Chapel Hill	1,415.0	14.8	2.1	16.9	17.4	17.5	16.1	16.1
UNC-Health Aff.	-	-	-	-	-	-	-	-
SUBTOTAL	3,965.0	12.0	1.4	13.4	13.2	13.2	12.5	12.6
Other Doctoral Universities:								
UNC-Greensboro	983.5	12.1	0.8	12.9	13.9	8.2	9.7	8.5
Comprehensive Universities:								
Appalachian	1,210.5	13.3	1.0	14.3	13.7	15.4	13.5	12.6
East Carolina	2,247.0	12.0	1.5	13.5	14.8	13.8	14.5	14.5
ECU-Health Aff.	-	-	-	-	-	-	-	-
Fayetteville	394.5	10.2	1.1	11.3	11.3	11.0	12.2	-
NC A & T	801.5	5.4	0.8	6.2	5.0	7.1	7.3	7.1
NC Central	218.0	3.4	0.3	3.7	5.8	6.2	6.1	7.1
UNC-Charlotte	1,446.5	16.1	3.4	19.5	20.0	17.1	16.2	17.5
UNC-Wilmington	611.5	16.2	1.3	17.5	16.6	15.3	15.5	-
West'n Carolina	668.0	11.7	0.7	12.4	11.5	12.9	12.8	12.1
SUBTOTAL	7,597.5	10.6	1.3	11.9	11.8	12.1	12.1	11.9
Gen. Baccalaureate Universities:								
Elizabeth City	335.0	11.4	1.5	12.9	12.0	11.8	11.4	8.6
Fayetteville	-	-	-	-	-	-	-	11.6
Pembroke	256.0	8.6	0.5	9.1	10.6	8.4	7.9	7.3
UNC-Asheville	278.5	5.4	1.4	6.8	8.9	12.0	13.5	12.6
UNC-Wilmington	-	-	-	-	-	-	-	15.4
Winston-Salem	152.0	6.0	0.6	6.6	8.1	8.5	8.5	7.3
SUBTOTAL	1,021.5	7.6	1.1	8.7	10.0	10.1	10.2	10.7

Average Weekly Room Hours of Instruction in Class Laboratories

Table 4

INSTITUTION	Total Room Hours	Daytime Hours	Nighttime Hours	All Hours				
				1988	1987	1986	1985	1984
Specialized Institution:								
NC Sch. of Arts	808.5	13.3	2.5	15.8	13.1	12.4	16.9	17.3
Community Colleges:								
SUBTOTAL	37,320.5	13.3	5.6	18.9	19.6	20.9	20.9	20.9
PRIVATE INSTITUTIONS								
Major Research Universities:								
SUBTOTAL	345.5	8.1	0.8	8.9	6.8	8.4	7.1	6.5
Gen. Baccalaureate Colleges:								
SUBTOTAL	3,586.0	6.9	0.5	7.4	7.4	7.0	7.2	7.9
Junior Colleges:								
SUBTOTAL	590.0	6.9	0.1	7.0	8.2	7.8	8.1	7.7
GRAND TOTAL	56,218.0	11.5	3.4	14.9	15.2	15.6	15.6	15.6

Average Weekly Room Hours of Instruction in Class Laboratories

Table 4

INSTITUTION	Total Room Hours	Daytime Hours	Nighttime Hours	All Hours				
				1988	1987	1986	1985	1984
Community Colleges:								
Alamance CC	945.5	18.3	8.7	27.0	24.8	28.3	25.3	25.0
Anson CC	375.0	16.1	5.9	22.0	18.9	21.7	20.9	21.2
Ashev'le-Bun. TCC	781.5	11.1	4.5	15.6	17.8	21.1	19.4	18.4
Beaufort Co. CC	469.5	12.8	4.6	17.4	16.4	15.9	16.4	15.3
Bladen CC	442.5	10.5	5.9	16.4	17.4	17.6	18.3	15.1
Blue Ridge CC	619.0	17.8	9.1	26.9	26.3	27.0	28.8	24.8
Brunswick CC	230.5	6.1	3.1	9.2	16.9	15.0	16.7	17.2
Caldwell CC & TI	669.5	12.9	8.7	21.6	20.7	25.2	26.5	26.7
Cape Fear CC	872.0	17.7	6.6	24.3	25.0	27.8	23.3	23.8
Carteret CC	607.5	14.8	6.2	21.0	20.9	21.3	17.6	19.9
Catawba Vy. CC	764.5	11.5	6.7	18.2	20.0	19.5	20.5	20.0
C. Carolina CC	692.0	12.4	4.9	17.3	18.0	25.7	22.9	25.1
C. Piedmont CC	2,685.5	21.1	7.2	28.3	35.6	38.2	26.5	31.8
Cleveland CC	583.0	7.2	7.0	14.2	12.5	12.0	14.4	13.6
Coastal Car. CC	837.5	17.5	5.8	23.3	21.0	22.9	21.6	18.4
Col. Albemarle	454.0	11.0	4.1	15.1	12.9	16.5	18.0	15.9
Craven CC	769.0	21.5	6.0	27.5	29.3	28.4	28.0	28.6
Davidson Co. CC	526.5	10.2	5.3	15.5	13.6	18.9	18.2	19.0
Durham TCC	854.0	13.2	8.2	21.4	20.9	19.6	17.4	18.7
Edgecombe CC	410.0	7.8	4.3	12.1	7.7	14.7	15.6	11.9
Fayettev'le TCC	1,035.0	15.6	3.6	19.2	19.8	20.2	23.1	24.4
Forsyth TCC	1,150.5	12.3	7.6	19.9	18.8	18.1	19.4	24.6
Gaston Col.	628.0	8.5	4.0	12.5	13.7	10.1	13.9	13.3
Guilford TCC	1,776.5	11.9	5.4	17.3	20.2	18.9	18.5	21.0
Halifax CC	461.5	17.1	7.2	24.3	17.5	19.5	21.4	22.3
Haywood CC	1,312.5	18.7	3.6	22.3	20.1	21.1	24.4	20.6
Isothermal CC	793.5	15.3	6.7	22.0	19.6	20.5	22.2	25.0
J. Sprunt CC	371.5	14.4	2.5	16.9	19.2	17.4	22.4	21.4
Johnston CC	481.5	10.4	4.6	15.0	15.1	17.1	17.4	17.3
Lenoir CC	590.0	11.0	3.0	14.0	15.7	18.1	16.6	17.2

Average Weekly Room Hours of Instruction in Class Laboratories

Table 4

INSTITUTION	Total Room Hours	Daytime Hours	Nighttime Hours	All Hours				
				1988	1987	1986	1985	1984
Community Colleges:								
Martin CC	363.5	13.3	4.9	18.2	17.0	18.3	19.1	17.7
Mayland CC	239.0	12.8	8.9	21.7	29.7	27.6	28.5	27.4
McDowell TCC	469.0	12.4	10.0	22.4	24.5	24.4	23.1	22.9
Mitchell CC	469.5	8.5	6.1	14.6	15.1	18.4	15.2	18.6
Montgomery CC	516.5	15.6	6.9	22.5	20.3	23.9	21.0	24.4
Nash CC	464.5	10.1	6.5	16.6	21.5	17.5	22.5	16.9
Pamlico CC	153.0	13.9	5.3	19.2	15.6	17.4	14.7	17.8
Piedmont CC	275.0	8.0	6.5	14.5	13.6	14.3	11.6	12.7
Pitt CC	852.0	20.9	6.5	27.4	25.8	28.4	30.6	29.4
Randolph CC	579.0	12.1	4.9	17.0	19.7	19.9	21.3	20.1
Richmond CC	352.0	9.2	5.5	14.7	16.3	17.9	18.5	20.8
Roanoke-Cho. CC	187.5	9.8	2.7	12.5	15.4	25.7	27.0	22.5
Robeson CC	520.5	8.1	4.3	12.4	17.6	17.5	20.7	17.9
Rockingham CC	566.0	11.1	4.7	15.8	16.2	18.3	16.5	18.2
Rowan-Cab. CC	701.5	12.1	6.4	18.5	20.4	19.6	19.6	22.9
Sampson CC	356.5	10.5	7.3	17.8	22.4	26.9	30.5	28.2
Sandhills CC	729.0	14.6	4.1	18.7	16.6	18.1	20.1	19.0
Southeastern CC	417.5	11.1	2.8	13.9	13.8	15.7	15.1	14.4
Southwestern CC	312.0	5.5	2.1	7.6	11.3	10.6	12.9	12.9
Stanly CC	348.5	12.7	4.7	17.4	17.6	19.1	23.1	23.9
Surry CC	676.5	18.9	7.1	26.0	28.7	29.6	29.7	28.4
Tri-County CC	383.0	9.3	7.3	16.6	15.9	20.9	21.7	20.9
Vance-Granv. CC	594.5	11.6	6.9	18.5	21.9	23.8	22.6	22.0
Wake TCC	1,005.5	15.8	5.1	20.9	21.1	21.0	23.7	23.3
Wayne CC	850.5	14.6	4.3	18.9	18.6	20.1	21.3	21.6
W. Piedmont CC	642.0	17.1	8.5	25.6	21.6	20.8	24.5	24.3
Wilkes CC	457.0	16.3	3.6	19.9	23.4	23.0	21.0	20.0
Wilson Co. TC	650.5	15.6	6.8	22.4	21.9	24.1	25.4	20.3
TOTAL	37,320.5	13.3	5.6	18.9	19.6	20.9	20.9	20.9

TABLE 5:

AVERAGE WEEKLY USE OF STUDENT STATIONS IN CLASSROOMS

Average weekly use of student stations in classrooms is calculated by dividing the total number of student clock hours generated in classrooms by the total number of student stations in classrooms. More generally, it can be thought of as the average number of hours each week that each classroom student station is used.

For the current year, Table 5 reports the total number of classroom student stations and breaks down the average weekly use figure into daytime and nighttime utilizations. (See page 24 for precise definitions of classrooms and of daytime and nighttime utilizations.) For purposes of comparison, this table also lists the average weekly use of student stations for the previous four years.

The average weekly use of student stations can serve as an indicator of the adequacy of the number of student stations in classrooms. A norm which has been frequently cited is 18 hours per week. This figure is based on the assumption that the average weekly use of classrooms is 30 hours (see Table 3) and that there is 60% utilization of student stations when classrooms are in use (Table 7). Most North Carolina colleges and universities fall considerably below this norm, suggesting a surplus of classroom student stations.

AVERAGE WEEKLY USE OF STUDENT STATIONS IN CLASSROOMS =

$$\frac{\text{TOTAL STUDENT CLOCK HOURS IN CLASSROOMS}}{\text{TOTAL STUDENT STATIONS IN CLASSROOMS}}$$

AVERAGE WEEKLY USE OF STUDENT STATIONS IN CLASSROOMS

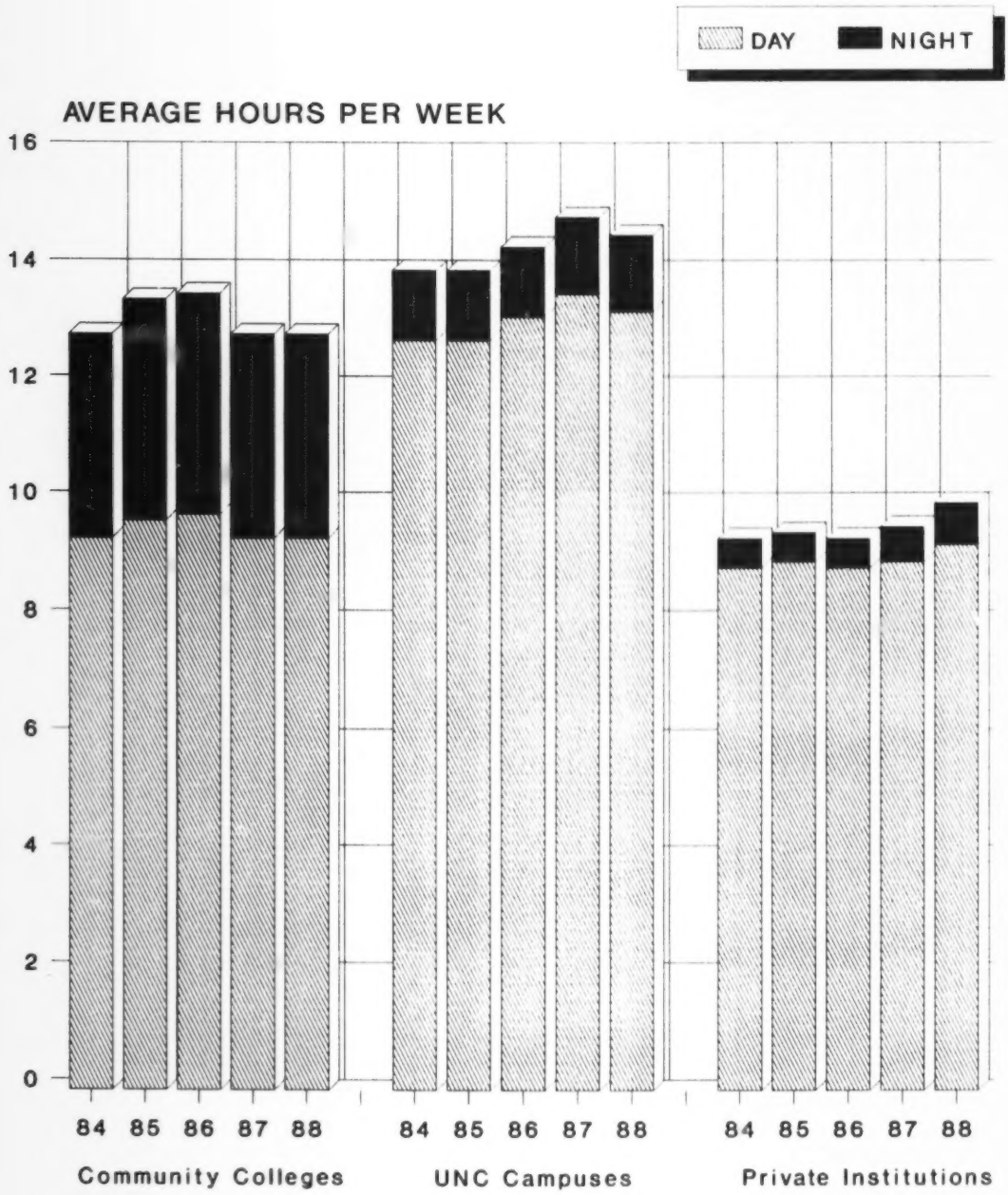


Table 5

Average Weekly Use of Student Stations in Classrooms

INSTITUTION	No. of Stations	Daytime Hours	Nighttime Hours	All Hours				
				1988	1987	1986	1985	1984
Major Research Universities:								
NC State	13,760	17.7	1.4	19.1	18.2	19.0	18.6	18.7
NC State Vet.	-	-	-	-	-	-	-	-
UNC-Chapel Hill	13,890	15.9	0.5	16.4	16.5	15.9	15.6	15.6
UNC-Health Aff.	-	-	-	-	-	-	-	-
SUBTOTAL	27,650	16.8	1.0	17.8	17.4	17.5	17.1	17.2
Other Doctoral Universities:								
UNC-Greensboro	6,499	14.5	1.9	16.4	14.9	13.3	12.8	12.5
Comprehensive Universities:								
Appalachian	7,191	16.2	0.7	16.9	18.3	17.1	16.6	16.4
East Carolina	10,623	12.2	1.5	13.7	17.4	16.6	15.5	15.4
ECU-Health Aff.	-	-	-	-	-	-	-	-
Fayetteville	2,212	9.7	1.8	11.5	11.4	12.5	12.5	-
NC A & T	7,774	6.9	0.8	7.7	8.8	8.5	9.3	8.7
NC Central	6,166	6.7	1.4	8.1	7.9	7.0	7.3	8.0
UNC-Charlotte	6,469	16.7	2.9	19.6	18.5	17.7	17.0	17.8
UNC-Wilmington	3,820	19.1	1.3	20.4	21.9	19.7	19.1	-
West'n Carolina	4,406	12.3	1.0	13.3	11.8	11.7	11.8	12.8
SUBTOTAL	48,661	12.3	1.4	13.7	14.5	13.8	13.6	13.3
Gen. Baccalaureate Universities:								
Elizabeth City	1,986	9.4	1.1	10.5	11.0	11.9	9.1	7.9
Fayetteville	-	-	-	-	-	-	-	11.1
Pembroke	3,004	8.4	1.0	9.4	8.2	7.8	7.3	7.2
UNC-Asheville	1,924	12.4	3.4	15.8	18.3	19.7	14.7	17.7
UNC-Wilmington	-	-	-	-	-	-	-	18.5
Winston-Salem	3,650	6.8	0.9	7.7	7.5	7.5	6.8	6.8
SUBTOTAL	10,564	8.7	1.4	10.1	10.0	10.2	8.7	11.2

Table 5

Average Weekly Use of Student Stations in Classrooms

INSTITUTION	No. of Stations	Daytime Hours	Nighttime Hours	All Hours				
				1988	1987	1986	1985	1984
Specialized Institution:								
NC Sch. of Arts	749	7.6	0.0	7.6	7.4	8.7	6.7	9.7
Community Colleges:								
SUBTOTAL	71,286	9.4	3.5	12.9	12.9	13.6	13.5	12.9
PRIVATE INSTITUTIONS								
Major Research Universities:								
SUBTOTAL	13,809	10.9	0.2	11.1	11.1	10.9	10.4	10.4
Gen. Baccalaureate Colleges:								
SUBTOTAL	43,000	8.8	0.9	9.7	9.2	9.0	9.2	9.1
Junior Colleges:								
SUBTOTAL	5,056	8.9	0.1	9.0	9.5	9.0	9.6	9.5
GRAND TOTAL	227,274	11.0	1.8	12.8	12.8	12.8	12.5	12.3

Average Weekly Use of Student Stations in Classrooms

Table 5

INSTITUTION	No. of Stations	Daytime Hours	Nighttime Hours	All Hours				
				1988	1987	1986	1985	1984
Community Colleges:								
Alamance CC	1,183	12.2	5.2	17.4	14.4	15.3	14.5	15.5
Anson CC	270	6.1	3.1	9.2	7.2	7.5	10.9	3.9
Asheville-Bun. TCC	2,871	6.4	2.5	8.9	10.7	12.8	11.1	10.7
Beaufort Co. CC	830	7.9	1.9	9.8	9.2	9.0	9.8	7.5
Bladen CC	375	7.0	1.5	8.5	7.9	12.6	12.0	12.4
Blue Ridge CC	767	8.0	4.2	12.2	15.0	14.8	15.0	14.0
Brunswick CC	761	5.1	1.7	6.8	11.7	11.8	12.9	13.4
Caldwell CC & TI	885	9.9	4.3	14.2	14.2	15.7	15.3	15.7
Cape Fear CC	661	20.7	6.1	26.8	27.7	27.1	27.6	22.7
Carteret CC	698	10.8	5.6	16.4	16.0	12.2	13.1	12.8
Catawba Vy. CC	1,796	7.7	4.9	12.6	13.5	13.7	14.2	12.6
C. Carolina CC	949	12.5	3.9	16.4	16.2	19.1	19.9	19.8
C Piedmont CC	5,208	13.1	4.6	17.7	20.0	22.3	17.7	17.1
Cleveland CC	1,033	4.9	4.0	8.9	6.5	8.3	9.2	8.7
Coastal Car. CC	1,333	17.1	6.7	23.8	21.6	25.3	25.6	22.5
Col. Albemarle	929	7.6	3.1	10.7	9.9	9.5	9.8	9.4
Craven CC	1,072	9.6	2.6	12.2	15.6	13.2	14.5	13.3
Davidson Co. CC	1,572	8.1	2.1	10.2	8.5	12.1	12.5	11.3
Durham TCC	1,530	12.5	6.3	18.8	18.1	16.0	14.9	18.0
Edgecombe CC	990	5.3	2.3	7.6	4.0	8.9	7.0	7.6
Fayetteville TCC	2,982	12.7	3.9	16.6	15.7	17.8	17.1	17.0
Forsyth TCC	2,708	8.6	4.9	13.5	11.0	12.5	13.1	17.0
Gaston Col.	2,075	8.9	2.5	11.4	10.6	10.8	12.0	9.7
Guilford TCC	3,804	10.5	4.2	14.7	13.8	14.5	12.9	11.7
Halifax CC	751	7.7	2.4	10.1	8.5	11.5	14.1	15.7
Haywood CC	698	10.9	2.3	13.2	9.8	10.1	12.5	9.6
Isothermal CC	1,355	7.1	2.4	9.5	10.1	8.2	10.5	9.0
J. Sprunt CC	644	7.6	2.3	9.9	9.2	8.5	9.0	9.9
Johnston CC	1,002	12.3	3.8	16.1	15.8	12.1	10.2	11.3
Lenoir CC	1,497	9.7	2.0	11.7	11.0	10.4	11.3	10.9

Table 5

Average Weekly Use of Student Stations in Classrooms

INSTITUTION	No. of Stations	Daytime Hours	Nighttime Hours	All Hours				
				1988	1987	1986	1985	1984
Community Colleges:								
Martin CC	761	4.9	1.6	6.5	6.7	5.8	5.3	6.1
Mayland CC	332	8.1	2.7	10.8	10.9	12.1	13.0	13.2
McDowell TCC	636	2.0	3.0	5.0	4.9	6.9	7.3	7.5
Mitchell CC	1,604	5.5	2.1	7.6	7.1	10.0	9.1	10.0
Montgomery CC	212	6.1	4.5	10.6	12.6	14.3	8.9	11.3
Nash CC	1,484	7.9	3.3	11.2	8.7	7.6	15.0	12.2
Pamlico CC	190	4.9	4.3	9.2	7.1	6.9	7.1	5.4
Piedmont CC	512	6.9	4.3	11.2	10.4	10.1	8.0	10.3
Pitt CC	1,190	16.2	4.5	20.7	18.9	15.4	15.4	14.3
Randolph CC	853	9.4	5.1	14.5	15.3	14.2	18.5	18.3
Richmond CC	800	6.9	3.4	10.3	11.1	12.6	12.5	12.6
Roanoke-Cho. CC	749	6.9	1.6	8.5	8.3	9.5	10.5	10.3
Robeson CC	1,396	4.4	2.4	6.8	9.8	12.3	11.6	12.4
Rockingham CC	1,586	7.5	2.6	10.1	13.0	13.5	12.9	10.9
Rowan-Cab. CC	1,709	5.9	4.5	10.4	10.4	11.8	11.2	9.8
Sampson CC	664	7.6	3.9	11.5	11.0	15.3	13.3	15.6
Sandhills CC	1,360	11.5	2.2	13.7	13.5	14.9	13.6	13.7
Southeastern CC	1,196	7.8	2.0	9.8	10.6	10.3	10.6	9.3
Southwestern CC	1,102	6.3	0.9	7.2	7.9	8.6	12.0	8.8
Stanly CC	877	7.5	2.4	9.9	7.9	11.9	11.5	10.8
Surry CC	941	12.1	3.8	15.9	17.0	16.9	16.0	16.1
Tri-County CC	625	4.8	3.4	8.2	10.4	11.5	10.0	7.8
Vance-Granv. CC	1,009	7.4	2.8	10.2	12.3	10.6	11.9	10.2
Wake TCC	2,408	11.8	2.3	14.1	19.2	19.0	17.7	16.2
Wayne CC	1,503	11.5	3.0	14.5	11.9	11.1	13.2	12.4
W. Piedmont CC	671	13.5	4.5	18.0	16.6	15.0	15.7	11.9
Wilkes CC	1,120	12.6	2.5	15.1	12.3	11.9	12.9	12.7
Wilson Co. TC	567	8.5	3.7	12.2	11.2	10.7	12.7	11.4
TOTAL	71,286	9.4	3.5	12.9	12.9	13.6	13.5	12.9

TABLE 6:

AVERAGE WEEKLY USE OF STUDENT STATIONS IN CLASS LABORATORIES

Average weekly use of student stations in class laboratories is calculated by dividing the total number of student clock hours generated in class laboratories by the total number of student stations in class laboratories. More generally, it can be thought of as the average number of hours each week that each class lab student station is used.

For the current year, Table 6 reports the total number of class lab student stations and breaks down the average weekly use figure into daytime and nighttime utilizations. (See page 30 for a discussion of what the term class laboratory includes and page 24 for precise definitions of daytime and nighttime utilizations.) For purposes of comparison, this table also lists the average weekly use of student stations for the previous four years.

The average weekly use of student stations can serve as an indicator of the adequacy of the number of stations in class laboratories. A norm which has been frequently cited is 16 hours. This figure is based on the assumption that the average weekly use of class labs is 20 hours (see Table 4) and that there is 80% utilization of student stations when class labs are in use (Table 7). Most North Carolina colleges and universities fall considerably below this norm. This fact suggests a surplus of class laboratory student stations but gives no indication whether this surplus exists for all types of class laboratories or is limited to the labs of certain academic disciplines.

AVERAGE WEEKLY USE OF STUDENT STATIONS IN CLASS LABORATORIES =

$$\frac{\text{TOTAL STUDENT CLOCK HOURS IN CLASS LABORATORIES}}{\text{TOTAL STUDENT STATIONS IN CLASS LABORATORIES}}$$

AVERAGE WEEKLY USE OF STUDENT STATIONS IN CLASS LABORATORIES

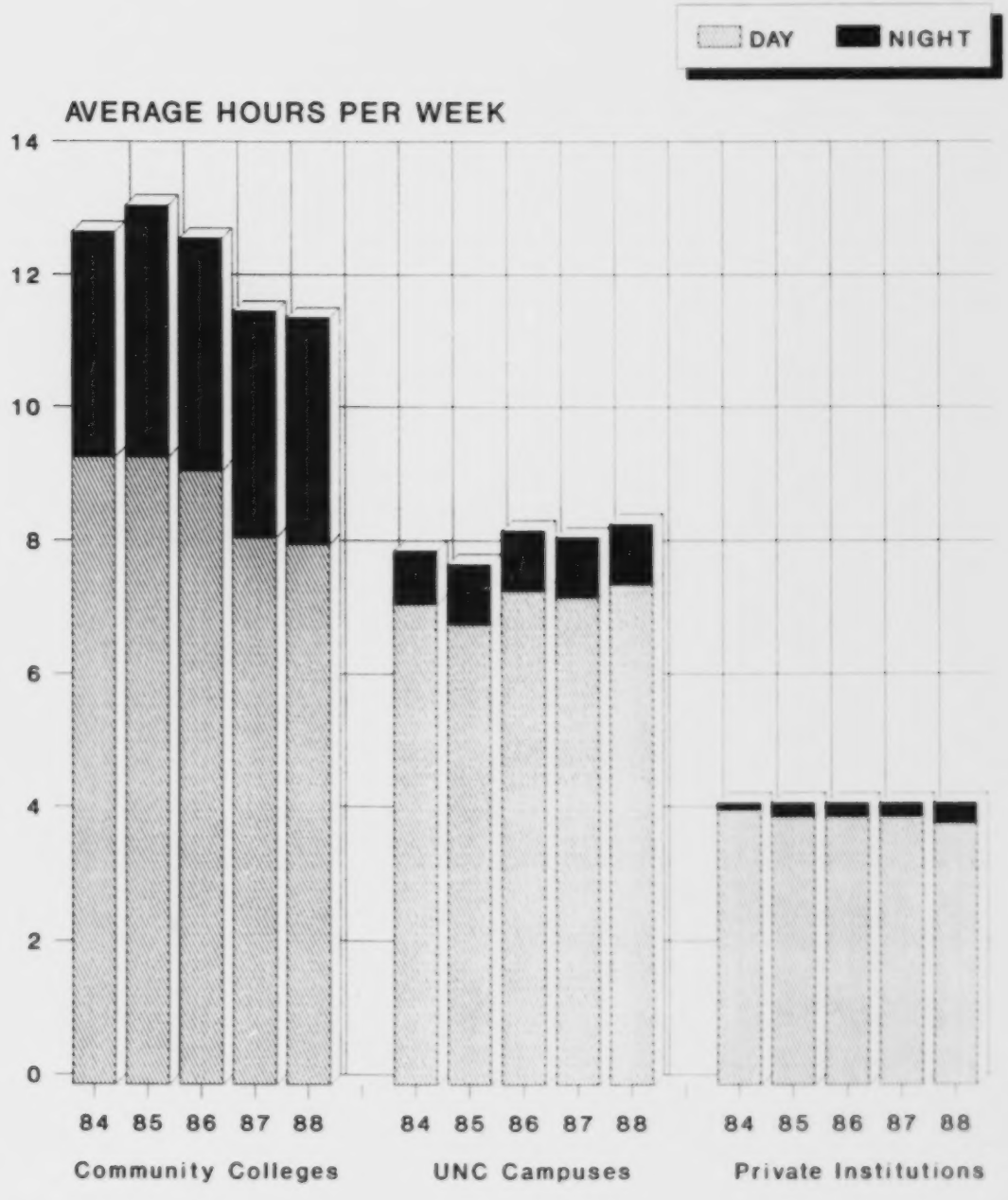


Table 6

Average Weekly Use of Student Stations in Class Laboratories

INSTITUTION	No. of Stations	Daytime Hours	Nighttime Hours	All Hours				
				1988	1987	1986	1985	1984
Major Research Universities:								
NC State	4,730	9.1	0.8	9.9	9.4	10.6	9.8	10.5
NC State Vet.	-	-	-	-	-	-	-	-
UNC-Chapel Hill	2,161	9.9	1.8	11.7	11.5	12.1	10.3	11.4
UNC-Health Aff.	-	-	-	-	-	-	-	-
SUBTOTAL	6,891	9.4	1.1	10.5	10.0	11.0	10.0	10.8
Other Doctoral Universities:								
UNC-Greensboro	2,143	8.6	0.5	9.1	8.9	5.2	5.7	5.2
Comprehensive Universities:								
Appalachian	2,185	9.6	0.7	10.3	8.3	10.0	6.8	7.6
East Carolina	3,598	8.5	1.1	9.6	10.4	10.0	10.3	10.7
ECU-Health Aff.	-	-	-	-	-	-	-	-
Fayetteville	1,206	4.8	1.0	5.8	5.8	6.8	6.7	-
NC A & T	3,440	3.6	0.5	4.1	3.6	4.1	4.3	3.9
NC Central	1,371	2.3	0.2	2.5	4.1	3.7	4.0	4.2
UNC-Charlotte	2,351	11.5	2.0	13.5	13.8	12.9	11.9	12.4
UNC-Wilmington	898	11.9	1.0	12.9	11.8	10.6	10.3	-
West'n Carolina	1,548	5.1	0.2	5.3	4.9	5.6	5.7	5.8
SUBTOTAL	16,597	7.1	0.9	8.0	7.8	7.8	7.4	7.5
Gen. Baccalaureate Universities:								
Elizabeth City	800	5.2	1.3	6.5	5.7	5.5	3.9	4.9
Fayetteville	-	-	-	-	-	-	-	6.3
Pembroke	771	5.0	0.6	5.6	6.2	6.0	5.9	4.8
UNC-Asheville	1,018	3.9	0.9	4.8	4.8	9.1	8.9	10.2
UNC-Wilmington	-	-	-	-	-	-	-	10.1
Winston-Salem	639	3.1	0.5	3.6	4.2	4.5	4.7	3.8
SUBTOTAL	3,228	4.3	0.8	5.1	5.2	6.0	5.4	6.5

Table 6

Average Weekly Use of Student Stations in Class Laboratories

INSTITUTION	No. of Stations	Daytime Hours	Nighttime Hours	All Hours				
				1988	1987	1986	1985	1984
Specialized Institution:								
NC Sch. of Arts	1,278	8.5	1.6	10.1	8.8	7.9	10.1	9.8
Community Colleges:								
SUBTOTAL	46,377	8.1	3.4	11.5	11.6	12.7	13.2	12.8
PRIVATE INSTITUTIONS								
Major Research Universities:								
SUBTOTAL	959	5.2	0.4	5.6	5.3	6.9	6.1	5.8
Gen. Baccalaureate Colleges:								
SUBTOTAL	12,894	3.8	0.3	4.1	3.9	3.6	3.7	3.8
Junior Colleges:								
SUBTOTAL	1,990	4.1	0.1	4.2	5.1	4.6	4.9	4.7
GRAND TOTAL	92,357	7.2	2.0	9.2	9.1	9.6	9.7	9.5

Table 6

Average Weekly Use of Student Stations in Class Laboratories

INSTITUTION	No. of Stations	Daytime Hours	Nighttime Hours	All Hours				
				1988	1987	1986	1985	1984
Community Colleges:								
Alamance CC	887	9.5	4.4	13.9	12.6	14.6	15.0	14.5
Anson CC	351	5.0	3.2	8.2	8.4	10.1	9.7	8.0
Ashev'le-Bun. TCC	1,139	7.6	3.3	10.9	12.0	15.6	15.1	13.6
Beaufort Co. CC	607	5.8	2.7	8.5	7.8	8.8	9.6	7.5
Bladen CC	503	6.4	3.3	9.7	9.4	11.2	12.4	8.5
Blue Ridge CC	578	8.2	4.2	12.4	11.7	13.8	14.4	13.0
Brunswick CC	502	4.3	2.2	6.5	9.0	12.2	12.1	10.4
Caldwell CC & TI	628	8.5	5.7	14.2	13.8	16.0	17.6	16.6
Cape Fear CC	762	14.5	6.1	20.6	20.2	23.5	20.0	17.8
Carteret CC	679	8.3	3.3	11.6	13.1	12.2	10.3	10.1
Catawba Vy. CC	1,019	7.5	4.5	12.0	12.9	12.7	13.3	10.7
C. Carolina CC	860	8.4	2.6	11.0	11.6	14.6	14.6	14.9
C. Piedmont CC	2,819	12.2	4.1	16.3	18.4	19.6	17.7	18.8
Cleveland CC	947	3.3	4.5	7.8	6.9	6.3	7.5	7.8
Coastal Car. CC	833	11.3	3.3	14.6	13.4	15.5	15.3	13.7
Col. Albemarle	781	6.0	2.2	8.2	7.6	8.1	9.7	8.3
Craven CC	718	12.8	2.8	15.6	16.7	17.6	15.7	16.1
Davidson Co. CC	795	6.3	2.8	9.1	7.3	10.2	10.4	10.4
Durham TCC	924	9.0	6.1	15.1	15.3	15.4	15.7	13.2
Edgecombe CC	664	4.0	2.7	6.7	3.6	6.6	7.5	5.5
Fayettev'le TCC	1,274	10.0	2.0	12.0	11.6	12.8	13.8	14.9
Forsyth TCC	1,380	8.0	4.6	12.6	12.1	12.3	13.1	15.7
Gaston Col.	1,235	5.3	2.9	8.2	7.8	7.0	10.8	9.6
Guilford TCC	2,342	8.6	3.9	12.5	15.3	15.7	14.6	13.6
Halifax CC	496	7.0	3.1	10.1	6.3	7.7	10.5	9.3
Haywood CC	1,263	11.0	2.5	13.5	12.9	13.4	15.3	13.2
Isothermal CC	769	10.5	3.3	13.8	11.6	12.9	13.1	14.5
J. Sprunt CC	470	6.7	1.8	8.5	8.6	9.0	11.7	11.0
Johnston CC	780	7.1	2.4	9.5	9.2	9.7	11.3	11.2
Lenoir CC	987	7.7	2.2	9.9	10.8	9.5	9.8	13.6

Average Weekly Use of Student Stations in Class Laboratories

Table 6

INSTITUTION	No. of Stations	Daytime Hours	Nighttime Hours	All Hours				
				1988	1987	1986	1985	1984
Community Colleges:								
Martin CC	522	5.3	2.1	7.4	8.6	7.5	8.5	8.2
Mayland CC	244	8.8	4.4	13.2	12.4	11.7	11.1	13.2
McDowell TCC	498	6.4	5.1	11.5	11.4	12.6	12.1	12.9
Mitchell CC	825	6.6	3.7	10.3	8.3	10.7	8.8	10.4
Montgomery CC	348	9.3	4.4	13.7	12.3	14.0	10.1	11.5
Nash CC	498	7.7	5.0	12.7	14.8	12.4	17.6	11.1
Pamlico CC	121	8.9	3.3	12.2	9.2	11.8	9.0	8.5
Piedmont CC	436	4.6	4.0	8.6	8.3	8.6	7.4	6.3
Pitt CC	748	11.6	4.2	15.8	15.0	15.2	16.0	16.4
Randolph CC	728	10.1	2.9	13.0	13.7	15.2	16.9	15.4
Richmond CC	473	5.4	2.9	8.3	10.6	11.6	14.6	13.0
Roanoke-Cho. CC	398	5.6	1.4	7.0	7.1	9.9	11.8	11.5
Robeson CC	1,186	4.0	2.5	6.5	8.5	9.2	12.7	10.0
Rockingham CC	883	5.2	3.1	8.3	10.3	10.5	11.6	12.8
Rowan-Cab. CC	961	7.5	3.7	11.2	11.1	11.0	10.8	14.7
Sampson CC	530	5.0	3.5	8.5	9.4	15.8	19.2	16.8
Sandhills CC	1,020	9.3	2.2	11.5	9.5	10.5	10.4	10.3
Southeastern CC	741	6.4	1.4	7.8	7.7	10.0	9.9	9.0
Southwestern CC	898	3.4	0.9	4.3	6.7	6.2	6.3	6.8
Stanly CC	580	4.9	1.7	6.6	7.5	8.3	11.4	11.3
Surry CC	648	12.5	4.8	17.3	17.6	18.5	18.7	17.4
Tri-County CC	452	5.4	4.7	10.1	8.3	12.1	12.8	11.8
Vance-Granv. CC	819	7.1	3.7	10.8	11.6	13.2	13.2	13.3
Wake TCC	889	11.6	3.6	15.2	15.1	16.3	18.0	19.9
Wayne CC	1,122	10.2	2.4	12.6	11.3	12.4	12.6	13.6
W. Piedmont CC	583	11.3	5.2	16.5	13.8	13.9	17.4	14.6
Wilkes CC	511	10.1	1.3	11.4	11.8	12.2	12.1	10.7
Wilson Co. TC	723	7.6	3.8	11.4	10.6	12.6	12.7	12.2
TOTAL	46,377	8.1	3.4	11.5	11.6	12.7	13.2	12.8

TABLE 7:

PERCENT STUDENT STATION UTILIZATION, CLASSROOMS AND CLASS LABORATORIES

Percent student station utilization indicates the average percentage of student stations that are occupied when classrooms or class laboratories are in use. It is calculated by dividing the student clock hours generated in classrooms (or class labs) by the potential student clock hours for classrooms (or class labs) and multiplying by 100 to convert to a percentage. Potential student clock hours is computed on a room-by-room basis by multiplying the number of student stations in each room by the room hours of instruction generated by the room (Tables 3 and 4). It indicates the number of student clock hours which would be generated if every room were filled to capacity (i.e., if the number of students equalled the number of stations) each time a course met in the room.

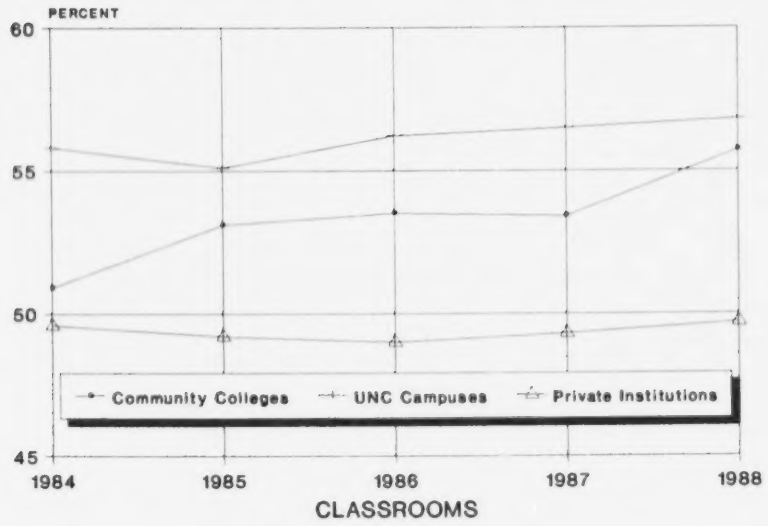
It is important to keep in mind that the percent student station utilization assesses the utilization of rooms only when they are in use. This figure is therefore a helpful indicator of how close to capacity an institution's courses are to the rooms in which they are scheduled. It does not, however, indicate the over-all efficiency of utilization since it does not take into account how frequently a room is used.

Frequently cited norms for percent student station utilization are 60% for classrooms and 80% for class laboratories. The higher percentage for class labs reflects the assumption that these rooms, although used less frequently than classrooms because of their specialized equipment, are usually closer to being filled to capacity when they are in use. Data for North Carolina colleges and universities, however, indicate that the percent student station utilization in class labs is not significantly higher than in classrooms. For both types of rooms, the average percentage is usually less than 60%.

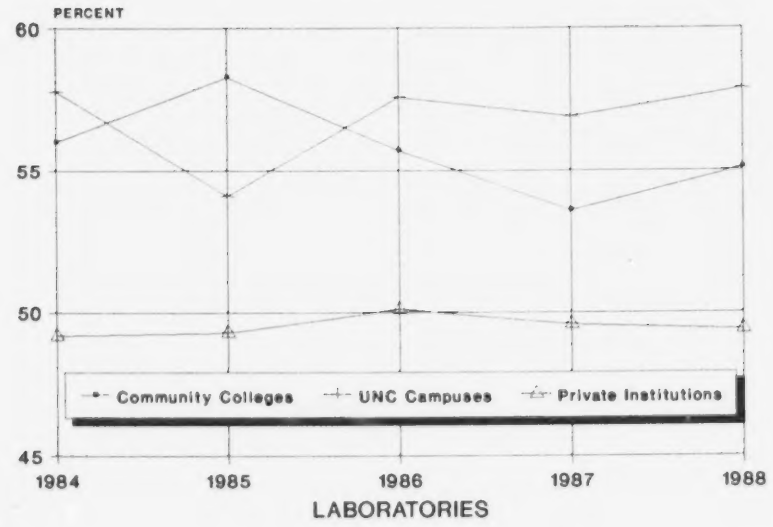
PERCENT STUDENT STATION UTILIZATION IN CLASSROOMS (OR CLASS LABS) =

$$\frac{\text{STUDENT CLOCK HOURS IN CLASSROOMS (OR CLASS LABS)}}{\text{POTENTIAL STUDENT CLOCK HOURS IN CLASSROOMS (OR CLASS LABS)}}$$

PERCENT STUDENT STATION UTILIZATION, CLASSROOMS AND CLASS LABORATORIES



CLASSROOMS



LABORATORIES

Table 7

Percent Student Station Utilization, Classrooms and Class Laboratories

INSTITUTION	Classrooms					Laboratories				
	1988	1987	1986	1985	1984	1988	1987	1986	1985	1984
Major Research Universities:										
NC State	58.9	55.8	58.6	57.5	59.6	70.1	69.5	71.6	68.4	71.8
NC State Vet.	-	-	-	-	-	-	-	-	-	-
UNC-Chapel Hill	60.5	60.7	59.4	57.9	58.8	61.3	58.7	62.0	55.8	62.6
UNC-Health Aff.	-	-	-	-	-	-	-	-	-	-
SUBTOTAL	59.7	57.9	59.0	57.7	59.2	66.7	65.3	68.0	63.7	68.4
Other Doctoral Universities:										
UNC-Greensboro	62.9	58.1	59.1	57.3	54.7	54.6	51.2	46.3	40.8	47.6
Comprehensive Universities:										
Appalachian	57.7	57.9	56.1	53.4	53.8	60.4	54.8	55.4	45.0	52.8
East Carolina	58.1	59.4	58.5	57.0	58.5	62.6	61.3	62.6	58.0	63.2
ECU-Health Aff.	-	-	-	-	-	-	-	-	-	-
Fayetteville	45.0	44.1	49.0	52.1	-	47.4	46.9	55.2	48.2	-
NC A & T	49.7	57.6	50.5	56.8	52.3	44.7	40.8	39.0	42.8	40.5
NC Central	49.4	51.5	48.9	47.3	46.6	52.5	58.8	46.4	53.1	49.3
UNC-Charlotte	58.2	58.0	58.6	55.9	56.4	63.9	65.1	70.2	70.1	67.0
UNC-Wilmington	59.8	60.9	59.1	55.5	-	65.3	62.4	59.2	57.9	-
West'n Carolina	52.1	52.9	51.5	51.5	53.9	37.7	40.0	38.9	37.5	40.2
SUBTOTAL	55.5	56.9	55.4	54.4	54.5	56.8	55.5	55.0	52.3	54.5
Gen. Baccalaureate Universities:										
Elizabeth City	49.8	48.2	46.2	45.2	42.5	40.2	44.8	40.9	36.6	44.4
Fayetteville	-	-	-	-	48.4	-	-	-	-	48.0
Pembroke	55.6	53.6	51.0	48.8	49.6	48.7	50.3	58.0	58.0	56.5
UNC-Asheville	44.9	45.0	48.7	47.2	63.0	44.5	46.5	64.1	58.1	72.3
UNC-Wilmington	-	-	-	-	56.1	-	-	-	-	56.7
Winston-Salem	46.9	44.3	45.6	48.0	46.7	43.4	40.8	48.3	51.3	47.8
SUBTOTAL	48.9	47.2	47.7	47.4	52.1	43.9	45.9	51.1	50.0	52.7

Table 7

Percent Student Station Utilization, Classrooms and Class Laboratories

INSTITUTION	Classrooms					Laboratories				
	1988	1987	1986	1985	1984	1988	1987	1986	1985	1984
Specialized Institution:										
NC Sch. of Arts	50.8	53.8	53.3	47.3	63.6	56.1	53.8	51.7	50.7	47.5
Community Colleges:										
SUBTOTAL	55.7	53.4	53.5	53.1	50.9	55.1	53.6	55.7	58.3	56.0
PRIVATE INSTITUTIONS										
Major Research Universities:										
SUBTOTAL	51.5	50.0	51.4	52.1	52.0	56.3	66.6	71.3	72.9	78.3
Gen. Baccalaureate Colleges:										
SUBTOTAL	48.2	48.0	47.3	47.0	47.7	48.5	46.1	45.5	45.2	44.6
Junior Colleges:										
SUBTOTAL	59.4	58.7	56.3	57.4	57.6	51.0	53.1	50.5	49.4	50.3
GRAND TOTAL	54.8	53.9	53.7	53.1	52.9	55.4	54.1	55.6	56.3	55.6

Table 7

Percent Student Station Utilization, Classrooms and Class Laboratories

INSTITUTION	Classrooms					Laboratories				
	1988	1987	1986	1985	1984	1988	1987	1986	1985	1984
Community Colleges:										
Alamance CC	46.2	44.9	46.4	49.2	49.3	47.4	47.1	50.6	57.8	57.2
Anson CC	45.7	49.7	47.6	48.9	20.4	34.7	39.6	40.1	41.1	34.7
Ashev'le-Bun. TCC	57.8	54.5	60.4	58.0	56.7	63.4	61.7	70.0	71.8	69.0
Beaufort Co. CC	46.1	44.5	47.4	44.7	39.8	44.4	44.0	49.2	58.5	47.4
Bladen CC	63.1	66.1	72.6	56.4	58.8	59.9	54.2	64.9	67.2	53.5
Blue Ridge CC	57.6	55.5	55.8	58.6	56.2	45.2	43.2	50.6	48.9	52.2
Brunswick CC	48.6	52.9	54.6	51.6	53.2	61.2	50.9	79.8	67.4	63.0
Caldwell CC & TI	54.2	56.8	54.0	58.0	58.0	58.5	60.7	57.5	62.2	58.7
Cape Fear CC	87.3	79.5	80.1	78.1	69.6	81.7	77.3	78.5	81.0	70.7
Carteret CC	60.0	59.3	57.8	56.1	55.5	56.0	62.5	56.2	56.8	49.0
Catawba Vy. CC	64.7	66.9	61.9	63.8	55.3	65.5	61.3	61.4	59.6	49.6
C. Carolina CC	55.9	55.5	57.2	58.5	54.9	55.1	55.9	53.1	60.0	56.4
C. Piedmont CC	56.9	58.2	55.5	54.8	51.1	44.0	44.6	45.9	57.7	52.4
Cleveland CC	49.6	39.6	45.3	48.7	44.1	50.4	51.6	46.9	46.1	52.4
Coastal Car. CC	65.0	63.3	66.6	71.9	69.8	60.8	60.1	64.6	67.7	73.1
Col. Albemarle	50.8	44.0	43.2	43.8	40.4	51.4	53.9	48.3	52.4	51.2
Craven CC	48.3	53.5	45.1	47.5	46.8	55.5	53.6	60.4	54.7	55.0
Davidson Co. CC	51.2	47.9	46.8	52.0	52.4	54.9	47.0	52.1	54.7	53.7
Durham TCC	61.1	56.8	53.1	58.2	53.8	64.9	64.9	67.3	76.4	61.2
Edgecombe CC	46.9	43.6	41.4	40.9	41.5	43.7	36.7	37.8	45.9	38.8
Fayettev'le TCC	53.5	50.8	54.6	48.3	50.7	58.2	54.6	60.4	56.9	59.2
Forsyth TCC	55.2	57.2	58.0	61.6	60.7	64.1	66.0	70.3	68.3	61.9
Gaston Col.	58.5	53.1	55.0	57.1	51.8	60.1	51.7	64.2	72.5	66.6
Guilford TCC	60.2	56.3	61.7	56.1	48.6	65.5	69.1	75.5	72.6	60.2
Halifax CC	46.3	45.2	49.3	49.0	49.4	41.1	36.0	39.1	46.3	38.7
Haywood CC	53.1	49.0	47.1	45.9	44.5	56.3	60.2	61.4	59.1	57.7
Isothermal CC	52.4	39.4	42.4	43.9	36.1	53.9	44.0	49.9	48.2	45.8
J. Sprunt CC	53.5	39.5	48.2	48.3	48.5	39.9	37.9	45.4	48.7	43.3
Johnston CC	61.1	52.8	53.6	48.4	44.1	54.4	54.7	47.8	54.1	51.7
Lenoir CC	60.9	58.2	55.1	53.0	53.2	57.8	55.8	47.4	50.6	61.0

Table 7

Percent Student Station Utilization, Classrooms and Class Laboratories

INSTITUTION	Classrooms					Laboratories				
	1988	1987	1986	1985	1984	1988	1987	1986	1985	1984
Community Colleges:										
Martin CC	45.1	42.3	44.7	37.4	41.1	39.4	49.8	42.1	47.3	46.0
Mayland CC	39.8	36.8	38.8	39.4	40.7	61.9	40.4	41.7	37.6	47.1
McDowell TCC	40.4	40.6	49.5	39.3	46.2	48.5	42.4	46.2	47.9	50.6
Mitchell CC	57.0	54.7	52.1	48.7	46.9	63.5	49.9	53.0	55.2	54.7
Montgomery CC	47.7	61.7	56.5	36.2	49.5	55.6	58.4	55.9	45.9	45.2
Nash CC	52.8	49.2	45.7	50.9	50.7	70.8	60.0	66.7	70.7	59.6
Pamlico CC	52.6	44.5	45.6	43.2	34.4	51.3	48.0	54.1	54.9	42.8
Piedmont CC	73.6	61.4	51.8	45.4	46.0	54.2	51.3	55.0	56.3	49.2
Pitt CC	56.2	53.7	53.4	51.1	49.5	52.6	53.8	51.5	51.9	55.0
Randolph CC	72.4	71.6	70.3	70.4	73.6	71.9	67.4	72.7	76.9	74.8
Richmond CC	53.7	55.7	61.5	50.6	50.3	49.6	57.3	59.2	72.3	58.6
Roanoke-Cho. CC	53.4	50.6	45.0	55.3	55.4	55.4	49.3	38.7	42.1	51.2
Robeson CC	54.4	49.4	51.3	53.8	55.6	51.0	44.4	49.0	58.9	53.7
Rockingham CC	56.6	51.2	56.0	54.3	51.8	45.6	53.7	45.3	53.0	55.4
Rowan-Cab. CC	46.5	44.9	47.6	47.0	46.1	59.5	53.8	55.9	55.5	65.8
Sampson CC	51.4	43.4	42.3	44.3	51.0	48.7	43.4	56.1	57.3	55.9
Sandhills CC	54.2	52.4	50.3	51.7	50.6	58.7	52.3	51.6	48.3	47.6
Southeastern CC	53.6	60.6	58.8	52.3	44.2	55.0	53.6	59.5	62.5	56.8
Southwestern CC	47.1	43.9	41.2	50.1	36.6	52.8	58.0	55.3	46.0	49.7
Stanly CC	42.8	44.8	54.5	44.9	58.7	33.7	38.2	38.2	42.3	43.8
Surry CC	66.6	62.7	61.8	64.4	67.1	65.8	63.3	64.1	65.5	63.1
Tri-County CC	51.5	46.4	44.4	53.0	41.8	54.5	48.7	52.9	53.0	51.4
Vance-Granv. CC	44.5	48.6	44.8	45.3	43.5	53.2	51.2	53.1	55.0	56.1
Wake TCC	55.2	57.7	55.4	58.1	58.9	66.5	67.0	69.0	71.1	80.8
Wayne CC	55.5	47.9	48.2	48.6	51.7	61.4	53.2	54.3	53.1	57.0
W. Piedmont CC	57.5	57.0	48.7	55.9	44.4	60.0	57.6	58.0	60.5	52.8
Wilkes CC	59.7	47.3	49.1	45.6	49.5	51.8	45.2	53.4	53.4	45.5
Wilson Co. TC	57.1	58.8	53.5	50.1	45.9	44.2	43.9	46.7	45.7	58.0
TOTAL	55.7	53.4	53.5	53.1	50.9	55.1	53.6	55.7	58.3	56.0

TABLE 8:

STUDENT CLOCK HOURS OF INSTRUCTION

This table indicates the weekly student clock hours of instruction being conducted at the end of the fall drop-add period. Student clock hours are computed by multiplying for each course the number of hours that the course meets each week by the number of students enrolled. (To compute the number of hours that the course meets each week, the class length is rounded to the nearest half hour and multiplied by the number of times the class meets weekly.) The data reflect both credit and non-credit courses which were at least eight weeks in duration.

The columns headed "Laboratories" reflect instruction conducted only in class laboratories (room code 210). A precise definition of class laboratory is provided on page 30. The columns headed "Other" reflect instruction in rooms coded other than 110 and 210 (e.g., other types of laboratories, physical education facilities, offices). An outline of the room code structure is presented on page 118.

The number of clock hours conducted in a particular category of space is a function of the number of students enrolled, the nature of the instructional programs being pursued by the students, and the instructional philosophy of the institution. As a result, the number of student clock hours generated per FTE student varies by type of institution:

INSTITUTIONAL GROUP	STUDENT CLOCK HR./FTE
By Control:	
University of North Carolina	15
Private Institutions	14
Technical/Community Colleges	18
By Level:	
Major Research Universities	15
Other Baccalaureate-Granting Institutions	15
Two-year Institutions	18
All North Carolina Institutions	16

Table 8

Student Clock Hours of Instruction

INSTITUTION	1988			1987			1986		
	Classrooms	Laboratories	Other	Classrooms	Laboratories	Other	Classrooms	Laboratories	Other
Major Research Universities:									
NC State	263,423.0	46,742.0	16,434.0	254,551.5	44,663.0	14,683.0	266,878.5	48,157.0	14,027.5
NC State Vet.	-	-	-	-	-	-	-	-	-
UNC-Chapel Hill	229,036.0	25,458.0	11,200.5	221,973.0	24,471.0	15,318.5	217,802.0	24,992.5	12,476.5
UNC-Health Aff.	-	-	-	-	-	-	-	-	-
SUBTOTAL	492,459.0	72,200.0	27,634.5	476,524.5	69,134.0	30,001.5	484,680.5	73,149.5	26,504.0
Other Doctoral Universities:									
UNC-Greensboro	106,869.5	19,679.0	12,045.5	103,588.5	16,098.0	9,259.5	99,068.5	10,936.5	9,695.5
Comprehensive Universities:									
Appalachian	121,493.0	22,398.5	3,671.5	133,222.0	14,386.0	9,995.5	125,630.5	17,016.5	5,356.5
East Carolina	145,591.5	34,363.5	9,292.0	148,281.5	31,909.5	7,408.0	141,709.0	30,744.0	7,544.5
ECU-Health Aff.	-	-	-	-	-	-	-	-	-
Fayetteville	25,491.5	6,939.0	1,778.0	24,703.5	7,238.5	1,995.0	27,840.5	8,406.5	1,885.5
NC A & T	59,421.5	14,217.5	7,509.0	67,706.0	11,630.5	9,075.0	60,960.0	13,742.0	6,214.5
NC Central	49,749.5	3,392.0	3,986.0	48,984.0	5,766.0	4,479.5	45,871.5	5,013.5	5,452.0
UNC-Charlotte	127,000.0	31,534.0	9,131.5	119,495.5	28,313.5	7,034.0	116,543.5	25,511.0	7,341.5
UNC-Wilmington	77,712.0	11,634.5	3,824.0	76,987.0	10,776.5	4,163.5	68,864.0	10,226.0	3,790.5
West'n Carolina	58,681.0	8,182.0	12,713.5	58,272.0	7,918.5	12,441.0	58,407.5	8,468.5	11,225.5
SUBTOTAL	665,140.0	132,661.0	51,905.5	677,651.5	117,939.0	56,592.0	645,826.5	118,628.0	48,810.5
Gen. Baccalaureate Universities:									
Elizabeth City	20,781.0	5,193.0	2,779.0	18,788.5	3,916.0	3,238.5	22,049.5	4,429.0	3,214.0
Pembroke	28,383.5	4,324.0	2,836.5	23,993.0	4,554.5	3,147.0	23,125.0	4,343.5	2,783.5
UNC-Asheville	30,442.5	4,894.5	2,790.5	29,735.5	2,807.5	2,905.5	27,336.0	3,756.0	2,971.5
Winston-Salem	27,866.0	2,286.0	2,810.5	27,082.0	2,664.0	3,481.5	27,446.0	3,012.0	4,503.0
SUBTOTAL	107,473.0	16,697.5	11,216.5	99,599.0	13,942.0	12,772.5	99,956.5	15,540.5	13,472.0
Specialized Institution:									
NC Sch. of Arts	5,664.0	12,949.0	5,029.5	5,312.0	10,523.0	4,110.0	5,754.0	9,636.0	5,875.5
Community Colleges:									
SUBTOTAL	919,455.5	533,693.5	106,951.5	859,374.5	519,963.0	102,454.5	851,678.5	551,807.5	97,868.5
PRIVATE INSTITUTIONS									
Major Research Universities:									
SUBTOTAL	154,001.0	5,418.5	22,326.0	152,533.5	11,679.5	16,449.0	150,505.0	15,883.0	12,178.0
Gen. Baccalaureate Colleges:									
SUBTOTAL	413,484.5	53,037.0	35,171.5	388,288.5	50,430.0	36,155.0	379,806.0	47,695.5	40,519.0
Junior Colleges:									
SUBTOTAL	45,801.5	8,276.0	5,761.5	54,144.5	11,963.0	6,803.5	52,177.0	10,880.0	5,603.5
GRAND TOTAL	2,910,348.0	854,611.5	278,044.0	2,817,016.5	821,691.5	275,997.5	2,769,452.5	854,156.5	260,526.5

Table 8

Student Clock Hours of Instruction

INSTITUTION	1988			1987			1986		
	Classrooms	Laboratories	Other	Classrooms	Laboratories	Other	Classrooms	Laboratories	Other
Community Colleges:									
Alamance CC	20,579.5	12,333.5	2,300.0	17,241.0	11,046.5	2,084.0	18,397.0	12,740.0	1,944.5
Anson CC	2,480.0	2,881.0	379.0	2,483.0	2,949.5	535.0	2,042.5	3,025.0	325.0
Asheville-Bun. TCC	25,683.0	12,461.0	1,471.0	25,302.5	13,106.5	1,347.0	25,275.5	14,446.0	2,190.0
Beaufort Co. CC	8,154.0	5,141.5	15.0	8,450.0	4,601.0	66.0	8,279.0	4,967.0	225.0
Bladen CC	3,189.5	4,904.5	88.0	2,199.0	4,528.0	54.5	3,368.0	5,551.5	24.0
Blue Ridge CC	9,418.0	7,124.5	431.0	8,982.5	6,010.5	173.0	9,163.5	6,843.5	140.0
Brunswick CC	5,116.5	3,250.5	96.0	5,081.0	3,102.0	268.0	5,333.5	4,210.0	209.0
Caldwell CC & TI	12,593.0	8,973.0	1,060.0	12,569.5	8,643.5	1,242.0	11,661.5	9,939.0	1,700.0
Cape Fear CC	17,705.0	15,704.0	2,532.0	15,654.0	15,655.0	2,359.0	14,046.0	17,854.0	3,010.0
Carteret CC	11,455.0	7,895.0	50.0	11,528.0	8,654.0	126.0	11,804.5	6,336.0	336.0
Catawba Vy. CC	22,500.5	12,192.5	2,081.5	17,977.5	11,696.5	1,706.0	17,378.5	12,893.5	1,228.0
C. Carolina CC	15,506.5	9,501.0	1,349.5	16,459.0	9,982.0	2,358.5	14,543.5	10,224.5	2,064.0
C. Piedmont CC	92,259.5	45,971.5	11,665.5	102,759.0	50,048.0	12,344.5	96,267.0	52,192.5	18,657.5
Cleveland CC	9,177.0	7,340.0	460.0	6,892.5	7,124.0	256.0	8,627.0	6,491.5	320.0
Coastal Car. CC	31,718.0	12,125.0	2,543.0	28,529.0	10,968.0	1,778.0	26,993.0	12,735.5	3,010.0
Col. Albemarle	9,949.0	6,461.0	3,144.5	9,437.5	5,674.5	4,305.0	9,256.0	6,102.5	5,553.5
Craven CC	13,109.5	11,244.5	9,030.0	16,816.0	12,039.0	4,015.0	14,117.0	12,643.5	2,419.0
Davidson Co. CC	16,104.0	7,249.0	2,213.5	13,509.0	6,112.0	1,557.0	18,936.0	8,197.5	1,951.0
Durham TCC	28,769.5	13,899.5	635.0	24,976.0	14,238.0	2,927.5	21,415.5	14,148.5	1,625.0
Edgecombe CC	7,560.5	4,441.0	135.0	3,960.5	2,416.0	5,511.0	7,157.5	3,557.0	477.5
Fayettev'le TCC	49,282.5	15,214.0	908.0	45,830.0	14,656.0	1,557.0	50,854.0	15,960.0	1,580.0
Forsyth TCC	36,558.0	17,365.5	2,599.0	29,189.0	16,566.0	1,623.0	32,234.0	16,524.0	1,171.0
Gaston Col.	23,635.0	10,091.0	4,646.0	21,840.0	9,647.5	3,433.0	21,780.5	8,786.0	1,369.5
Guilford TCC	55,750.5	29,137.0	3,619.0	47,355.5	31,125.5	2,860.5	49,276.0	31,519.0	4,197.0
Halifax CC	7,567.0	5,025.5	3,351.0	5,430.5	4,005.5	2,772.0	8,107.0	4,902.0	1,718.0
Haywood CC	9,229.5	16,974.0	689.0	8,066.0	16,402.5	975.0	9,171.5	17,257.0	654.0
Isothermal CC	12,876.5	10,620.0	4,250.0	13,125.5	8,678.5	3,918.0	10,730.5	9,691.5	4,694.5
J. Sprunt CC	6,345.5	4,012.5	280.0	5,150.5	3,985.5	84.0	4,746.0	4,122.0	498.5
Johnston CC	16,117.5	7,435.5	475.0	15,783.0	7,071.5	400.0	15,717.0	7,005.5	589.0
Lenoir CC	17,471.0	9,744.5	2,777.0	16,044.0	10,689.5	2,526.5	14,986.0	9,253.0	417.0
Martin CC	4,973.0	3,849.0	1,866.0	5,062.0	4,483.5	2,077.5	4,160.5	4,053.0	1,531.5
Mayland CC	3,601.0	3,209.5	465.5	3,467.5	3,118.0	679.0	4,028.5	3,183.0	475.0
McDowell TCC	3,151.5	5,720.5	248.5	3,146.0	5,668.5	203.5	3,153.5	6,477.0	712.0
Mitchell CC	12,214.0	8,509.5	2,699.0	11,928.5	6,745.5	2,067.0	12,519.5	8,025.0	658.0
Montgomery CC	2,250.0	4,777.0	544.0	2,676.0	4,286.0	416.0	2,458.0	4,408.0	471.0
Nash CC	16,607.0	6,308.5	93.0	9,998.0	5,737.5	0.0	9,170.0	5,974.0	1,488.0
Pamlico CC	1,752.0	1,468.0	21.0	1,347.0	1,110.0	0.0	1,302.0	1,421.0	24.0
Piedmont CC	5,711.5	3,741.5	291.0	4,337.0	3,177.0	532.0	4,768.0	3,915.0	419.0
Pitt CC	24,593.0	11,754.0	2,439.0	24,295.0	10,650.0	3,391.0	20,043.5	12,049.0	1,166.0
Randolph CC	12,338.5	9,472.5	1,221.0	10,318.5	9,465.0	1,099.0	9,682.0	10,439.5	1,204.5
Richmond CC	8,266.0	3,925.0	884.0	8,335.5	5,241.0	1,497.0	8,839.0	5,754.5	2,246.0
Roanoke-Cho. CC	6,344.5	2,805.5	837.0	6,086.0	3,200.5	925.5	4,483.5	3,376.0	1,184.0
Robeson CC	9,491.0	7,653.0	768.0	10,653.5	7,149.0	0.0	9,690.0	6,575.0	1,094.0
Rockingham CC	15,967.0	7,341.0	626.0	14,801.0	7,174.0	363.0	16,370.0	6,621.0	452.0
Rowan-Cab. CC	17,842.0	10,741.0	261.0	17,951.5	10,134.5	1,008.0	20,460.5	9,977.0	1,176.5
Sampson CC	7,592.5	4,484.5	1,342.5	8,498.5	4,669.5	615.5	8,346.5	6,747.5	460.0
Sandhills CC	18,591.5	11,688.0	3,031.5	17,321.5	10,019.0	2,189.5	17,565.0	9,817.0	1,871.0
Southeastern CC	11,696.5	5,792.0	4,683.0	11,493.5	5,719.5	2,301.0	12,120.5	7,393.5	2,261.0
Southwestern CC	7,944.5	3,917.0	1,763.0	7,145.0	5,069.0	2,160.0	7,130.0	4,337.0	2,616.0
Stanly CC	8,639.0	3,820.0	1,756.5	7,406.5	4,936.0	724.0	4,843.0	4,748.5	1,144.0
Surry CC	14,924.0	11,206.0	3,210.0	14,288.0	10,679.0	2,490.0	14,728.0	11,782.5	2,338.0
Tri-County CC	5,161.5	4,584.0	894.5	6,153.5	3,994.5	1,254.0	5,283.0	4,616.0	1,174.5
Vance-Granv. CC	10,244.5	8,833.0	217.0	11,229.0	8,123.0	264.0	9,407.0	9,247.5	356.0
Wake TCC	33,961.5	13,528.5	1,707.0	33,558.5	13,639.0	3,433.0	31,431.5	14,684.0	384.0
Wayne CC	21,870.5	14,196.5	572.0	17,509.0	12,894.0	578.0	17,582.0	13,320.0	797.0
W. Piedmont CC	12,091.0	9,584.0	3,152.0	11,163.5	8,074.0	1,828.0	10,083.0	8,364.0	1,788.0
Wilkes CC	16,863.0	5,822.0	1,448.0	13,750.5	6,065.0	2,106.0	13,314.0	6,062.5	2,160.0
Wilson Co. TC	6,913.0	8,249.5	4,637.0	6,834.0	7,319.0	3,091.0	7,052.0	8,321.0	2,416.0
TOTAL	919,455.5	533,693.5	106,951.5	859,374.5	519,963.0	102,454.5	851,678.5	551,807.5	97,868.5

TABLE 9:
SPACE FACTORS

A space factor is the assignable square feet of a given type of space divided by the student clock hours of instruction generated from that type of space. It is very useful to facilities planners in that it combines into a single factor the concepts of weekly room hours (Tables 3 and 4), percent student station utilization (Table 7), and assignable square feet per student station (Tables 16 and 17). The lower the space factor, the more effectively the space is being utilized for instructional purposes.

Space factors can be specifically defined in two ways. For Table 9, the formula:

$$\text{Space Factor} = \frac{\text{Assignable Square Feet}}{\text{Student Clock Hours}}$$

is used. Note that space factors must relate to a specified type of space. For example, a classroom space factor is calculated by dividing the assignable square feet of classroom space by the student clock hours generated in classrooms.

An alternative formula is:

$$\text{Space Factor} = \frac{\text{Assignable Sq. Ft./Station}}{\text{Avg. Weekly Room Hours X Percent Station Utilization}}$$

Although the two are equivalent, they may produce slightly different results because of the rounding which is inherent in the second formula. The second formula is nevertheless useful in calculating space factor norms.

Classrooms. If the norms cited for Tables 3, 7, and 16 are used for the three factors which comprise the second formula, the result is a space factor of 0.89:

$$\text{Classroom Space Factor} = \frac{16}{30 \times .60} = 0.89$$

Although this represents a frequently cited norm for classroom space factors, it is considerably lower (i.e., more efficient) than the classroom space factors of most North Carolina institutions. A more relevant norm can be calculated by using the state averages for the three required indices:

$$\text{Classroom Space Factor} = \frac{17}{21.7 \times .548} = 1.43$$

Class Laboratories. The average assignable square footage per station in class laboratories varies widely among different types of labs. (Page 130 provides some average figures for selected labs.) This variance results in a wide range of space factors and makes the defining of norms difficult.

A useful way to approach this problem is to distinguish between engineering/mechanical class labs and other class labs. Most engineering/mechanical labs require relatively large amounts of space per station because of the equipment that is used. One hundred square feet per station is a reasonable mean for these labs. Using this figure, and the norms cited for Tables 4 and 7, the following space factor is derived:

$$\text{Engineering/Mechanical Lab Space Factor} = \frac{100}{20 \times .80} = 6.25$$

Other kinds of class labs require considerably less space per student station. If 40 square feet is used as the norm, the following space factor is derived:

$$\text{"Other Lab" Space Factor} = \frac{40}{20 \times .80} = 2.5$$

Teaching Areas. Teaching areas represent the sum of classroom and class laboratory space. A space factor norm for teaching areas has not been derived, but the group means can be useful in assessing the extent of utilization.

Table 10 has also been developed to assist institutions in analyzing their utilization data. High, low, and weighted means are reported for average weekly room hours, percent student station utilization, and space factors in both classrooms and class laboratories.

Space Factors

Table 9

INSTITUTION	Classrooms					Laboratories					Teaching Areas				
	1988	1987	1986	1985	1984	1988	1987	1986	1985	1984	1988	1987	1986	1985	1984
Major Research Universities:															
NC State	0.75	0.79	0.76	0.77	0.78	5.61	5.89	5.42	5.86	5.60	1.48	1.55	1.47	1.50	1.50
NC State Vet	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
UNC-Chapel Hill	0.91	0.90	0.94	0.95	0.96	3.23	3.31	3.13	3.64	3.51	1.14	1.14	1.16	1.21	1.23
UNC-Health Aff.	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SUBTOTAL	0.82	0.84	0.84	0.85	0.86	4.77	4.98	4.64	5.21	4.90	1.33	1.37	1.34	1.38	1.39
Other Doctoral Universities:															
UNC-Greensboro	1.01	1.12	1.26	1.33	1.41	3.96	4.27	7.33	6.87	7.21	1.47	1.54	1.87	1.98	2.02
Comprehensive Universities:															
Appalachian	1.05	1.02	1.10	1.15	1.17	3.95	3.85	3.21	4.65	4.16	1.51	1.30	1.35	1.46	1.47
East Carolina	1.16	0.95	1.00	1.06	1.07	4.44	4.14	4.35	4.15	4.01	1.79	1.52	1.59	1.62	1.63
ECU-Health Aff.	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Fayetteville	1.42	1.46	1.32	1.32	-	4.66	4.51	3.89	3.97	-	2.11	2.15	1.92	1.91	-
NC A & T	2.10	1.85	1.89	1.73	1.88	8.13	9.24	7.78	7.26	8.85	3.27	2.93	2.97	2.76	3.04
NC Central	2.04	2.10	2.33	2.25	2.05	14.68	8.62	9.75	8.96	8.19	2.85	2.79	3.07	2.94	2.66
UNC-Charlotte	0.67	0.72	0.77	0.80	0.74	2.76	2.79	3.20	3.38	3.15	1.08	1.12	1.20	1.24	1.18
UNC-Wilmington	0.74	0.66	0.72	0.75	-	2.64	2.92	3.21	3.48	-	0.99	0.94	1.05	1.09	-
West'n Carolina	1.37	1.60	1.61	1.55	1.48	7.24	7.77	7.10	6.98	7.18	2.09	2.34	2.30	2.28	2.27
SUBTOTAL	1.18	1.14	1.19	1.22	1.26	4.64	4.66	4.63	4.86	4.99	1.75	1.66	1.73	1.76	1.83
Gen. Baccalaureate Universities:															
Elizabeth City	1.52	1.41	1.30	1.67	2.00	6.01	7.36	7.57	10.59	7.34	2.42	2.44	2.35	2.95	3.26
Fayetteville	-	-	-	-	1.49	-	-	-	-	4.13	-	-	-	-	2.09
Pembroke	1.71	1.95	2.05	2.21	2.25	4.69	4.30	4.51	4.58	5.51	2.10	2.32	2.44	2.60	2.72
UNC-Asheville	0.98	0.81	0.84	1.17	0.94	7.23	6.71	4.62	4.65	4.04	1.85	1.32	1.30	1.61	1.31
UNC-Wilmington	-	-	-	-	0.79	-	-	-	-	3.51	-	-	-	-	1.13
Winston-Salem	2.15	2.21	2.17	2.39	2.41	8.23	7.06	6.49	6.76	8.42	2.61	2.64	2.60	2.80	2.86
SUBTOTAL	1.58	1.58	1.59	1.86	1.42	6.33	6.17	5.79	6.41	4.95	2.22	2.14	2.15	2.45	1.94
Specialized Institution:															
NC Sch. of Arts	2.60	2.56	2.14	3.13	2.16	6.27	7.28	8.39	5.67	5.89	5.16	5.70	6.05	4.98	4.55
Community Colleges:															
SUBTOTAL	1.56	1.53	1.44	1.43	1.48	4.54	4.50	4.11	3.99	4.15	2.66	2.65	2.49	2.45	2.55
						PRIVATE INSTITUTIONS									
Major Research Universities:															
SUBTOTAL	1.35	1.37	1.35	1.41	1.43	5.99	6.78	5.48	6.45	6.68	1.51	1.75	1.75	1.84	1.85
Gen. Baccalaureate Colleges:															
SUBTOTAL	1.67	1.74	1.77	1.72	1.76	8.15	8.58	9.00	8.72	8.59	2.41	2.52	2.57	2.53	2.57
Junior Colleges:															
SUBTOTAL	1.99	1.93	2.00	1.83	1.87	8.64	6.76	7.58	7.06	7.43	3.00	2.81	2.97	2.77	2.83
GRAND TOTAL	1.34	1.34	1.33	1.34	1.37	4.90	4.94	4.69	4.66	4.77	2.15	2.15	2.12	2.13	2.17

Space Factors

Table 9

INSTITUTION	Classrooms					Laboratories					Teaching Areas				
	1988	1987	1986	1985	1984	1988	1987	1986	1985	1984	1988	1987	1986	1985	1984
Community Colleges:															
Alamance CC	0.90	1.12	1.05	1.09	1.03	2.94	3.24	2.78	2.99	2.75	1.67	1.95	1.76	1.81	1.64
Anson CC	2.54	2.87	3.07	2.31	5.61	5.98	5.84	5.42	5.76	7.12	4.39	4.48	4.47	4.21	6.57
Ashev'le-Bun. TCC	2.49	1.98	1.64	1.89	1.95	5.69	5.09	4.15	4.40	4.95	3.53	3.04	2.55	2.84	3.03
Beaufort Co. CC	2.03	2.16	2.24	2.13	2.61	6.67	7.04	6.52	6.49	8.72	3.82	3.88	3.85	3.64	4.45
Bladen CC	2.39	2.75	1.75	1.86	1.75	6.41	6.49	5.37	5.26	7.89	4.82	5.27	4.01	4.08	5.04
Blue Ridge CC	1.79	1.36	1.34	1.27	1.46	6.20	6.84	5.65	5.50	5.96	3.69	3.56	3.18	3.11	3.34
Brunswick CC	3.72	2.24	2.09	1.95	1.81	8.20	6.26	4.61	4.83	5.57	5.46	3.77	3.20	3.17	3.36
Caldwell CC & TI	1.57	1.56	1.35	1.40	1.38	4.47	4.64	3.84	3.46	3.68	2.77	2.82	2.50	2.43	2.48
Cape Fear CC	0.96	0.97	1.02	1.02	1.24	3.25	3.30	2.88	3.46	3.91	2.04	2.14	2.06	2.29	2.68
Carteret CC	1.09	1.16	1.59	1.46	1.48	4.04	3.60	4.41	5.04	5.53	2.29	2.21	2.57	2.58	2.77
Catawba Vy. CC	1.86	1.71	1.68	1.64	1.75	4.97	4.78	4.53	4.38	5.11	2.95	2.92	2.90	2.77	3.12
C. Carolina CC	1.35	1.35	1.07	1.05	1.06	4.91	4.68	3.59	3.66	3.36	2.71	2.61	2.11	2.07	1.94
Piedmont CC	0.92	0.81	0.72	0.87	0.91	2.70	2.39	2.18	2.52	2.40	1.51	1.33	1.23	1.43	1.43
Cleveland CC	2.15	2.93	2.30	2.06	2.18	5.30	6.12	6.65	5.65	5.43	3.55	4.55	4.17	3.64	3.58
Coastal Car. CC	0.86	0.95	0.81	0.80	0.91	4.15	4.57	3.93	4.02	4.52	1.77	1.95	1.81	1.77	2.01
Col. Albemarle	1.37	1.58	1.64	1.56	1.60	5.56	6.12	5.69	4.69	5.75	3.02	3.28	3.25	2.95	3.30
Craven CC	1.43	1.11	1.32	1.20	1.32	2.42	2.26	2.15	2.43	2.72	1.88	1.59	1.71	1.72	1.97
Davidson Co. CC	1.66	1.97	1.42	1.37	1.47	5.11	6.28	4.60	4.59	4.57	2.73	3.32	2.38	2.24	2.36
Durham TCC	1.04	1.01	1.17	1.27	1.08	3.70	3.57	3.55	3.46	4.22	1.91	1.94	2.12	2.21	2.12
Edgecombe CC	2.80	5.35	2.58	3.17	3.06	6.23	11.45	8.51	7.45	10.64	4.07	7.66	4.54	4.79	5.23
Fayettev'le TCC	1.12	1.14	1.02	1.07	1.07	3.91	4.04	3.64	3.44	3.10	1.78	1.85	1.64	1.68	1.61
Forsyth TCC	1.61	2.00	1.75	1.65	1.15	4.81	5.05	4.99	4.68	4.42	2.64	3.10	2.85	2.70	2.43
Gaston Col.	1.63	1.76	1.67	1.52	1.90	6.08	6.36	7.14	5.17	5.76	2.96	3.17	3.24	2.77	3.33
Guilford TCC	1.35	1.38	1.31	1.48	1.54	4.71	3.66	3.68	3.86	4.30	2.50	2.29	2.23	2.40	2.60
Halifax CC	2.14	2.59	1.88	1.44	1.29	4.97	7.56	6.18	4.27	4.98	3.27	4.70	3.50	2.53	2.57
Haywood CC	1.47	1.96	1.66	1.58	2.02	4.11	4.28	3.97	3.57	4.21	3.18	3.52	3.17	2.91	3.51
Isothermal CC	2.16	2.03	2.48	1.92	2.21	3.71	4.40	3.94	3.80	3.60	2.86	2.97	3.17	2.79	2.94
J. Sprunt CC	2.16	2.11	2.29	2.18	1.96	7.96	7.95	7.68	5.86	6.24	4.40	4.66	4.80	4.09	4.00
Johnston CC	1.00	1.02	1.59	1.92	1.67	5.09	5.35	4.97	4.27	5.35	2.29	2.36	2.63	2.82	3.06
Lenoir CC	1.60	1.68	1.79	1.64	1.73	3.92	3.57	4.23	4.14	3.21	2.43	2.44	2.72	2.55	2.37
Martin CC	3.89	3.82	4.01	4.37	3.75	9.45	8.12	8.95	6.85	6.94	6.31	5.84	6.45	5.88	5.54
Mayland CC	1.89	1.72	1.55	1.44	1.41	4.64	3.73	3.89	3.84	2.94	3.19	2.67	2.58	2.47	2.09
McDowell TCC	4.91	4.92	3.26	3.10	3.00	4.78	4.82	3.31	3.52	3.28	4.83	4.86	3.30	3.37	3.18
Mitchell CC	2.79	2.94	1.97	2.20	1.96	4.71	5.82	4.21	5.14	4.36	3.58	3.98	2.85	3.26	2.86
Montgomery CC	2.66	2.24	2.11	3.08	2.57	4.68	5.21	4.71	5.57	4.92	4.03	4.07	3.78	4.80	4.15
Nash CC	2.04	2.59	2.93	1.47	1.74	5.30	4.31	4.76	3.38	4.89	2.93	3.22	3.65	2.39	2.89
Pamlico CC	2.49	3.24	3.35	3.22	4.51	6.72	8.89	6.95	9.05	9.50	4.42	5.79	5.23	5.82	6.96
Piedmont CC	2.32	2.35	2.13	2.69	2.13	5.70	6.17	6.02	6.93	8.76	3.66	3.96	3.88	4.70	4.41
Pitt CC	0.91	0.95	1.22	1.25	1.34	3.42	3.60	3.26	3.07	3.00	1.72	1.76	1.98	1.95	2.02
Randolph CC	1.96	1.95	2.11	1.35	1.39	5.26	5.05	4.58	4.12	4.66	3.39	3.43	3.39	2.90	3.14
Richmond CC	1.91	1.81	1.60	1.59	1.56	8.52	6.53	5.88	4.62	5.16	4.04	3.63	3.28	2.96	3.09
Roanoke-Cho. CC	2.58	2.64	2.46	2.19	2.19	6.93	6.56	4.83	4.07	4.72	3.91	4.03	3.48	3.00	3.29
Robeson CC	3.33	2.32	1.78	1.88	1.77	6.81	5.73	5.62	4.00	5.23	4.88	3.69	3.34	3.06	3.41
Rockingham CC	2.13	1.40	1.39	1.44	1.72	6.81	6.01	5.79	5.46	4.86	3.60	2.91	2.66	2.73	2.93
Rowan-Cab. CC	1.71	1.70	1.53	1.61	1.75	4.21	4.32	4.39	4.59	3.62	2.65	2.64	2.46	2.60	2.49
Sampson CC	1.70	1.67	1.14	1.32	1.13	5.75	5.20	3.10	2.56	2.96	3.21	2.92	2.02	1.97	1.96
Sandhills CC	1.35	1.39	1.17	1.29	1.29	3.84	4.55	4.06	4.01	4.03	2.31	2.54	2.21	2.28	2.27
Southeastern CC	1.88	1.71	1.78	1.73	1.98	5.49	5.56	4.30	4.34	4.61	3.07	2.99	2.74	2.69	2.96
Southwestern CC	3.13	2.43	2.13	1.52	1.91	8.55	5.64	6.09	5.93	5.52	4.92	3.76	3.63	2.88	3.46
Stanly CC	1.85	2.32	1.78	1.89	1.89	5.75	5.45	4.74	3.09	3.11	3.05	3.57	3.25	2.40	2.32
Surry CC	1.48	1.43	1.38	1.46	1.41	2.85	2.83	2.57	2.53	2.78	2.07	2.03	1.91	1.97	2.03
Tri-County CC	3.07	2.43	2.12	2.43	2.76	7.26	8.77	6.84	6.46	7.00	5.04	4.93	4.32	4.50	4.81
Vance-Granv. CC	2.07	1.49	1.72	1.53	1.78	4.28	3.77	3.31	3.16	3.06	3.09	2.45	2.51	2.25	2.41
Wake TCC	1.41	0.95	0.94	1.01	1.08	3.97	3.94	3.58	3.28	3.10	2.14	1.81	1.78	1.75	1.81
Wayne CC	1.21	1.45	1.54	1.29	1.37	3.57	3.95	3.69	3.62	3.35	2.14	2.51	2.47	2.20	2.21
W. Piedmont CC	1.14	1.24	1.37	1.31	1.43	2.97	3.52	3.50	2.58	2.46	1.95	2.20	2.33	1.90	1.93
Wilkes CC	1.32	1.62	1.70	1.52	1.54	4.61	4.43	4.37	4.39	4.97	2.16	2.48	2.53	2.42	2.55
Wilson Co.TC	1.80	2.07	2.30	1.56	1.70	4.95	5.60	4.78	4.87	5.46	3.51	3.90	3.64	3.12	3.42
TOTAL	1.56	1.53	1.44	1.43	1.48	4.54	4.50	4.11	3.99	4.15	2.66	2.65	2.49	2.45	2.55

Range of Selected Space Utilization Indices for Classrooms

Table 10

INSTITUTION	Room Hours Per Week			% Student Station Utilization			Space Factor		
	High	Mean	Low	High	Mean	Low	High	Mean	Low
Major Research Universities:	32.2	29.6	27.0	60.5	59.7	58.9	0.91	0.82	0.75
Other Doctoral Universities:*	25.5	25.5	25.5	62.9	62.9	62.9	1.01	1.01	1.01
Comprehensive Universities:	35.2	23.2	14.4	59.8	55.5	45.0	2.10	1.18	0.67
Gen. Baccalaureate Universities:	32.8	19.6	15.1	55.6	48.9	44.9	2.15	1.58	0.98
Specialized Institution:*	13.0	13.0	13.0	50.8	50.8	50.8	2.60	2.60	2.60
Community Colleges:	36.3	21.5	11.3	87.3	55.7	39.8	4.91	1.56	0.86
PRIVATE INSTITUTIONS									
Major Research Universities:	20.4	19.6	19.1	54.7	51.5	49.8	1.41	1.35	1.27
Gen. Baccalaureate Colleges:	30.1	18.4	13.0	69.4	48.2	29.6	3.20	1.67	0.87
Junior Colleges:	22.5	15.3	13.9	71.8	59.4	51.9	2.31	1.99	1.18
STATE RANGE	36.3	21.7	11.3	87.3	54.8	29.6	4.91	1.34	0.67
TYPICAL STANDARD		30.0			60.0			0.83-0.90	

*Only one institution in this category

Table 10

Range of Selected Space Utilization Indices for Class Laboratories

INSTITUTION	Room Hours Per Week			% Student Station Utilization			Space Factor		
	High	Mean	Low	High	Mean	Low	High	Mean	Low
Major Research Universities:	16.9	13.4	12.0	70.1	66.7	61.3	5.61	4.77	3.23
Other Doctoral Universities:*	12.9	12.9	12.9	54.6	54.6	54.6	3.96	3.96	3.96
Comprehensive Universities:	19.5	11.9	3.7	65.3	56.8	37.7	14.68	4.64	2.64
Gen. Baccalaureate Universities:	12.9	8.7	6.6	48.7	43.9	40.2	8.23	6.33	4.69
Specialized Institution:*	15.8	15.8	15.8	56.1	56.1	56.1	6.27	6.27	6.27
Community Colleges:	28.3	18.9	7.6	81.7	55.1	33.7	9.45	4.54	2.42
PRIVATE INSTITUTIONS									
Major Research Universities:	9.0	8.9	5.5	56.3	56.3	56.2	6.02	5.99	5.14
Gen. Baccalaureate Colleges:	21.2	7.4	3.0	73.3	48.5	26.2	73.45	8.15	2.91
Junior Colleges:	9.1	7.0	6.0	69.6	51.0	41.1	12.09	8.64	5.40
STATE RANGE	28.3	14.9	3.0	81.7	55.4	26.2	73.45	4.90	2.42
TYPICAL STANDARD		20.0			80.0			3.00-5.00	

*Only one institution in this category

TABLE 11:
SPACE CRITERIA

The Higher Education Facilities Planning and Management Manuals, published by the Western Interstate Commission for Higher Education, provide one of the best sources of information on space criteria. Since all higher education institutions have been provided copies of the manuals, only highlights of space criteria will be provided in Table 11. It is recommended that the manuals be used for further information or assessments until updated criteria can be developed from a new national survey of higher education facilities. In addition, this Commission is always ready to respond to queries on facilities matters.

Space Criteria

Table 11

CLASSROOMS:	Average	Range
Room Utilization Ratio	30 hours/week	20-32 hours/week
Station Occupancy Ratio	65%	45%-85%
Assignable Square Feet Per Student Station	18 ASF	10-25 ASF

LABORATORIES:	Average	Range
Room Utilization Ratio, Lower Division	24 hours	22-26 hours
Room Utilization Ratio, Upper Division	16 hours	14-18 hours
Station Occupancy Ratio, Lower Division	80%	75%-85%
Station Occupancy Ratio, Upper Division	60%	55%-65%

Assignable Square Feet Per Station

Criteria vary from 15 to 150 ASF depending on academic program and course levels. Details are shown in Table 53 of Higher Education Facilities Planning and Management Manual Two. Some examples are:

Biology, general	30-40 ASF	Forestry	30-40 ASF
Fine Arts, general	30-50 ASF	Architecture	40-50 ASF
Letters	15-25 ASF	Engineering, general	40-70 ASF
Accounting	20-35 ASF	Business and Management	20-30 ASF
Automotive Technology	100-150 ASF	Sculpture, Ceramics	50-80 ASF
Nursing, practical	25-50 ASF	Music (Liberal Arts)	15-20 ASF

LIBRARIES:

Stack Unit Floor Area Criteria

Type of Stack Area	Average Bound Volumes per Assignable Square Foot	Average Assignable Square Feet per Volume
Open-Stack Reading Rooms	8 - 10	0.125 - 0.10
Open Stacks	10 - 12	0.10 - 0.083
Closed Stacks	12 - 15	0.083 - 0.067
High Density Compact Storage	40 - 60	0.025 - 0.017

Table 11

LIBRARIES (Continued):

Reading Stations Unit Floor Area Criteria

Type of Station	Assignable Square Feet per Station
Open Tables and Chairs	20 - 25
Small Carrels	25 - 30
Research Carrels (Open)	30 - 35
Enclosed Studies (Faculty)	40 - 70
Microfilm and Audio/Visual Carrels	35 - 45
Typing Stations (Multiple Stations in an Enclosed Room)	25 - 35
Reading Lounge	25 - 30
Conference Rooms, Seminar Rooms and Small-Group Studies	20 - 25

Staff and Service Space Unit Floor Area Criteria

As a general guideline, the total staff and service facilities of a library may be expected to range from 25 percent (for a smaller library) to 18 percent (for a larger library) of the combined stack and reader floor area.

OFFICES:

ASSIGNABLE SQUARE FEET CRITERIA FOR OFFICE STATIONS

	Academic Departments		Nonacademic Departments	
Personnel Category	Single Occupancy ASF/Station	Multiple Occupancy ASF/Station	Single Occupancy ASF/Station	Multiple Occupancy ASF/Station
Administrator - President	N/A	N/A	300±50	N/A
Vice-Pres.	N/A	N/A	240±30	N/A
Dean	240±20	N/A	N/A	N/A
Chairman	180±20	N/A	N/A	N/A
Professional	120±10	90±10	120±20	90±10
Secretarial-Clerical	120±10	90±20	120±40	90±20
Graduate Assistants	N/A	50±10	N/A	N/A

Table 11

OFFICES (Continued):

ASSIGNABLE SQUARE FEET CRITERIA FOR CONFERENCE ROOM AND CONFERENCE ROOM SERVICE FACILITIES

Stations	Conference Room Assignable Square Feet Per Station: Assignable Square Feet Per Station	Conference Room Service Space in Assignable Square Feet
10	25	30±5
15	22	30±5
20	20	30±5
25	20	30±5
30	15	30±5

GENERAL USE FACILITIES UNIT FLOOR AREA CRITERIA:

Type of Facility	Item	Assignable Square Feet
1. Food Facilities	1. Dining Station - Family Size	12.5
	2. Dining Station - Cafeteria	11.0
	3. Dining Station - Snack Bar	10.0
2. Lounge Facilities	1. Station - Commons Room	20
3. Recreation Facilities	1. Lockers	6.75
	2. Meeting Room	20 ASF/station
	3. Billiards	320 ASF/Table
	4. Bowling Alley	575 ASF/Lane
	5. Kitchenette	20
	6. Table Tennis	345 ASF/Table
4. Residential Facilities	1. Single Occupancy*	110 - 130
	2. Double Occupancy*	190 - 230
	3. Married - One Bedroom	570 - 650
	4. Married - Two Bedroom	620 - 750

*Toilets, washrooms, showers, and recreational space are not included.

TABLE 12:
ENROLLMENTS

The two primary measures of student populations are full-time equivalent (FTE) enrollment and headcount enrollment. FTE enrollment considers part-time students as fractions of full-time students through the use of conversion formulas which are described below. Headcount enrollment makes no distinction between full-time and part-time students.

FTE enrollments are generally more relevant than headcount enrollments in making space utilization assessments. Table 12, therefore, reports only FTE enrollments. This section, however, does describe some data trends in headcount enrollment.

FTE Enrollment

FTE enrollment as used in this study is based on the fall enrollment. It is defined as the number of full-time students (those carrying at least 75 percent of the normal credit hour load) plus the equivalent number of students enrolled for less than 75 percent of the normal full-time load. In obtaining the undergraduate FTE enrollment figures for The University of North Carolina, a student carrying 12 or more credit hours is considered a full-time student. In those instances where a student takes less than 12 hours, the following method of calculating FTE student is used: a student with a load of 9 through 11 credit hours is the equivalent of 3/4 FTE; the student with a 6 through 8 credit hour load is the equivalent of 1/2 FTE; and a student with less than 6 credit hours is the equivalent of 1/4 FTE. In obtaining graduate FTE enrollment figures for The University of North Carolina, a student carrying 9 or more credit hours is considered a full-time student. In those instances where a graduate student takes less than 9 credit hours, the following method of equating is used: a student with a load of 6 through 8 credit hours is the equivalent of 3/4 FTE; the student with a 3 through 5 credit hour load is the equivalent of 1/2 FTE; and a student with less than 3 credit hours is the equivalent of 1/4 FTE.

Beginning last year, the Department of Community Colleges has reported FTE based on its official "class membership" (contact) hour formula for calculation. Sixteen class membership hours per week for eleven weeks equates to one fall quarter FTE. FTE fractions are thus based on a division of total class membership hours by (16 x 11) or 176. As with Table 2, previous year figures have also been converted on the basis of this adjusted formula.

For the community colleges, Table 12 lists only on-campus credit enrollments for 1984-1987. This means that instruction which took place in facilities not on a community college's campus would not be considered in determining the enrollments listed. For 1988, the on-campus FTE is provided, but as a means of comparison, the total FTE (representing both on-campus and off-campus instruction) is also listed for all institutions of the Community College

System. Since private colleges and universities and the constituent institutions of The University of North Carolina do not conduct a significant number of instructional courses off-campus, the total FTE enrollments which are listed may also be considered as approximating these institutions' campus-based enrollments.

Trends in Headcount Enrollments*

Enrollment at institutions of higher education in the United States reached an all-time high of 12.8 million in the fall of 1988--an increase of 2.4 percent over the 1987 total. The increase, following two years of stable enrollment, occurred primarily at 4- and 2-year institutions in the public sector. A sizable increase in postbaccalaureate enrollment of nearly 4 percent also occurred predominantly at public institutions.

Men and women enrolled in significantly greater numbers this year with women's share of total enrollment remaining stable at 54 percent. Enrollment increases have occurred throughout the 1980's despite the steady decline since 1981 of 18- to 24-year olds in the U.S. population, which has traditionally comprised the largest share of student enrollment.

The following table indicates the annual percentage changes, for public and private institutions, in national headcount enrollments for the last five years:

	Overall Change	Public Institutions	Private Institutions
1984	-1.8	-2.3	0.0
1985	0.0	0.2	-0.5
1986	1.2	1.3	1.0
1987	1.0	1.0	1.0
1988	2.4	3.5	-1.2

North Carolina institutions experienced a headcount enrollment increase in 1988, for both public and private institutions, of 4.9 percent. Enrollment for men increased by 4.4% and women's enrollment moved to a 5.3% increase. Part-time enrollment increase out-paced the full-time increase by 5.8 to 4.6 percent.

*National headcount figures presented here are based on the preliminary Early National Estimates Survey (December, 1988) of more than 600 institutions of higher education conducted by the Center for Education Statistics. Results of the final CES 1988 survey of a universe of 3,587 institutions were not available in time for this publication.

FTE ENROLLMENTS

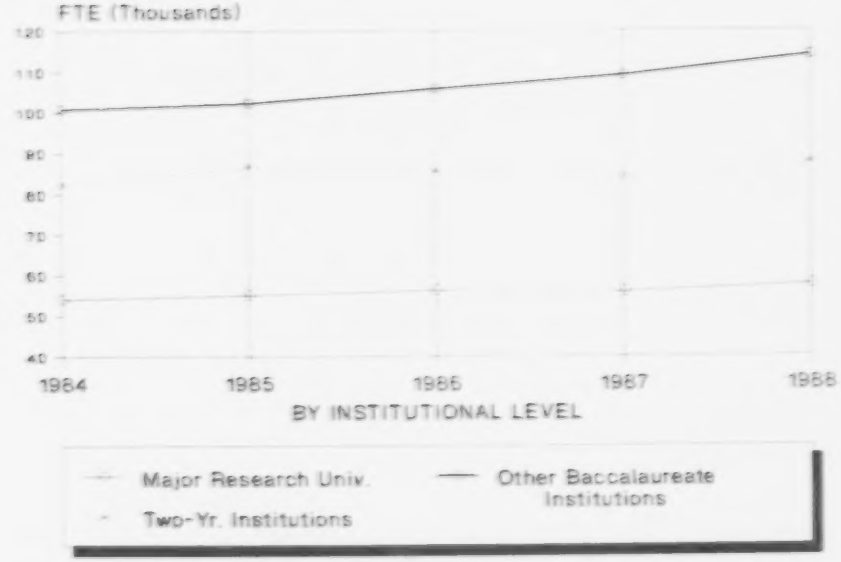


Table 12

FTE Enrollments Summary

INSTITUTION	1988	1987	1986	1985	1984
Major Research Universities:	42,065	40,564	40,994	40,083	39,423
Other Doctoral Universities:	9,692	9,169	8,889	8,614	8,479
Comprehensive Universities:	59,225	57,538	55,670	53,475	44,877
Gen. Baccalaureate Universities:	8,702	8,381	8,159	7,678	14,868
Specialized Institution:	488	462	460	478	496
Community Colleges:	84,338	80,113	81,889	82,376	78,132
		PRIVATE INSTITUTIONS			
Major Research Universities:	15,496	15,255	15,245	14,968	14,634
Gen. Baccalaureate Colleges:	35,620	33,296	32,457	31,852	31,865
Junior Colleges:	3,240	3,832	3,657	4,119	4,022
GRAND TOTAL	258,866	248,610	247,420	243,643	236,796

Table 12

FTE Enrollments
Institutional

INSTITUTION	1988	1987	1986	1985	1984
Major Research Univ.:					
NC State	20,438	19,554	20,014	19,718	19,471
NC State Vet.	278	276	283	253	221
UNC-Chapel Hill	18,293	17,607	17,582	17,026	16,598
UNC-Health Aff.	3,056	3,127	3,115	3,086	3,133
SUBTOTAL	42,065	40,564	40,994	40,083	39,423
Other Doctoral Univ.:					
UNC-Greensboro	9,692	9,169	8,889	8,614	8,479
Comprehensive Univ.:					
Appalachian	10,444	10,357	9,780	9,132	8,898
East Carolina	13,202	12,599	12,031	11,655	11,324
ECU-Health Aff.	953	931	1,131	1,228	1,370
Fayetteville	2,338	2,316	2,583	2,615	-
NC A & T	5,438	5,473	5,388	5,224	4,965
NC Central	4,383	4,334	4,231	4,093	3,964
UNC-Charlotte	11,014	10,216	9,866	9,064	8,813
UNC-Wilmington	6,077	6,035	5,424	5,207	-
West'n Carolina	5,376	5,277	5,236	5,257	5,543
SUBTOTAL	59,225	57,538	55,670	53,475	44,877
Gen. Baccalaureate Univ.:					
Elizabeth City	1,608	1,537	1,545	1,475	1,501
Fayetteville	-	-	-	-	2,374
Pembroke	2,435	2,249	2,109	1,998	1,874
UNC-Asheville	2,440	2,346	2,198	2,022	1,965
UNC-Wilmington	-	-	-	-	4,960
Winston-Salem	2,219	2,249	2,307	2,183	2,194
SUBTOTAL	8,702	8,381	8,159	7,678	14,868
Specialized Inst.:					
NC Sch. of Arts	488	462	460	478	496

FTE Enrollments
Institutional

Table 12

INSTITUTION	1988*	1987	1986	1985	1984
Community Colleges:					
Alamance CC	1,712 (2,094)	1,535	1,697	1,578	1,512
Anson CC	281 (506)	317	282	261	240
Ashev'le-Bun. TCC	2,109 (2,324)	2,196	2,162	2,084	2,045
Beaufort Co. CC	859 (1,064)	810	842	845	729
Bladen CC	416 (556)	419	463	459	307
Blue Ridge CC	872 (1,041)	889	949	991	957
Brunswick CC	528 (528)	466	526	492	432
Caldwell CC & TI	1,357 (1,784)	1,350	1,361	967	1,386
Cape Fear CC	2,080 (2,082)	1,976	2,145	1,920	1,580
Carteret CC	967 (1,120)	1,000	914	841	753
Catawba Vy. CC	1,716 (2,041)	1,537	1,647	1,598	1,552
C. Carolina CC	1,601 (2,222)	1,609	1,584	1,628	1,493
C. Piedmont CC	8,185 (9,595)	7,972	7,918	8,109	7,520
Cleveland CC	751 (1,003)	727	776	883	864
Coastal Car. CC	2,510 (2,675)	2,348	2,319	2,340	2,179
Col. Albemarle	961 (1,309)	937	976	998	1,074
Craven CC	1,055 (1,596)	997	1,046	1,222	1,148
Davidson Co. CC	1,696 (1,905)	1,686	1,744	1,662	1,766
Durham TCC	2,552 (2,861)	2,189	2,097	2,135	2,050
Edgecombe CC	773 (1,010)	689	742	878	733
Fayettev'le TCC	4,226 (4,875)	4,065	4,259	4,234	4,136
Forsyth TCC	2,786 (2,822)	2,485	2,649	2,603	2,363
Gaston Col.	2,573 (2,648)	2,226	2,436	2,482	2,250
Guilford TCC	4,571 (4,596)	4,447	4,154	3,940	3,584
Halifax CC	751 (871)	652	724	848	744
Haywood CC	1,069 (1,099)	1,098	1,126	1,153	992
Isothermal CC	1,316 (1,396)	1,300	1,493	1,523	1,459
J. Sprunt CC	609 (761)	594	630	612	657
Johnston CC	1,545 (2,061)	1,363	1,362	1,430	1,277
Lenoir CC	1,764 (1,980)	1,640	1,587	1,623	1,516

*Figures in parentheses represent total FTE enrollments (both on and off campus).
See pages 69-70.

FTE Enrollments
Institutional

Table 12

INSTITUTION	1988*	1987	1986	1985	1984
Community Colleges:					
Martin CC	526 (566)	604	548	567	572
Mayland CC	419 (652)	489	447	518	486
McDowell TCC	520 (532)	515	595	540	593
Mitchell CC	1,075 (1,153)	1,034	1,018	970	972
Montgomery CC	350 (491)	376	345	370	375
Nash CC	876 (907)	855	909	971	776
Pamlico CC	144 (144)	105	124	122	101
Piedmont CC	423 (886)	416	408	439	640
Pitt CC	2,205 (2,641)	2,169	2,017	1,963	1,945
Randolph CC	1,200 (1,219)	1,130	1,183	1,197	1,108
Richmond CC	788 (900)	809	899	944	899
Roanoke-Cho. CC	580 (595)	558	468	526	604
Robeson CC	1,119 (1,221)	1,044	947	1,055	871
Rockingham CC	1,267 (1,282)	1,150	1,284	1,192	1,113
Rowan-Cab. CC	1,488 (1,914)	1,471	1,517	1,389	1,462
Sampson CC	789 (807)	721	790	846	795
Sandhills CC	1,993 (1,995)	1,864	1,751	1,889	1,735
Southeastern CC	1,181 (1,264)	1,095	1,262	1,337	1,303
Southwestern CC	849 (1,071)	814	925	979	923
Stanly CC	767 (1,157)	767	636	665	628
Surry CC	1,591 (1,991)	1,450	1,572	1,561	1,477
Tri-County CC	604 (604)	509	506	550	518
Vance-Granv. CC	1,197 (1,584)	1,152	1,139	1,089	1,036
Wake TCC	2,677 (3,580)	2,614	2,749	2,809	2,843
Wayne CC	1,713 (2,040)	1,566	1,642	1,879	1,822
W. Piedmont CC	1,645 (1,777)	1,402	1,391	1,419	1,164
Wilkes CC	1,240 (1,456)	1,152	1,215	1,295	1,161
Wilson Co. TC	921 (1,038)	763	992	956	912
TOTAL	84,338 (97,892)	80,113	81,889	82,376	78,132

*Figures in parentheses represent total FTE enrollments (both on and off campus).
See pages 69-70.

Table 12

FTE Enrollments
Institutional

INSTITUTION	1988	1987	1986	1985	1984
			PRIVATE INSTITUTIONS		
Major Research Universities:					
Duke	9,738	9,497	9,631	9,322	9,085
Duke Med. Ctr.	645	738	666	724	757
Wake Forest	4,695	4,594	4,535	4,494	4,364
Bowman Gray	418	426	413	428	428
SUBTOTAL	15,496	15,255	15,245	14,968	14,634
Gen. Baccalaureate Colleges:					
Atlantic Christian	1,200	1,117	1,136	1,138	1,227
Barber-Scotia	420	377	376	374	373
Belmont Abbey	967	953	806	846	837
Bennett	609	547	572	554	562
Campbell	2,700	2,661	2,636	2,365	2,676
Catawba	958	894	817	839	865
Davidson	1,415	1,407	1,390	1,396	1,369
Elon	3,057	2,937	2,826	2,672	2,574
Gardner-Webb	1,730	1,552	1,586	1,567	1,696
Greensboro	842	655	510	533	513
Guilford	1,531	1,502	1,465	1,422	1,422
High Point	1,804	1,492	1,287	1,268	1,254
Johnson C. Smith	1,187	1,159	1,118	1,251	1,254
Lees-McRae	781	-	-	-	-
Lenoir-Rhyne	1,481	1,424	1,403	1,380	1,327
Livingstone	548	642	720	627	650
Mars Hill	1,207	1,186	1,186	1,270	1,234
Meredith	1,859	1,758	1,697	1,624	1,552

Table 12

FTE Enrollments
Institutional

INSTITUTION	1988	1987	1986	1985	1984
Gen. Baccalaureate (Continued)					
Methodist	1,329	1,204	1,096	1,077	859
Montreat-Anderson	375	337	367	-	-
Mt. Olive	491	510	479	437	392
N.C. Wesleyan	659	686	592	503	553
Pfeiffer	754	757	780	746	716
Piedmont Bible	201	182	248	267	293
Queens	898	830	847	822	789
St. Andrews Presby.	772	796	717	721	701
St. Augustine's	1,752	1,590	1,614	1,661	1,691
Salem	649	658	614	592	620
Shaw	1,482	1,570	1,372	1,695	1,717
Warren Wilson	522	513	492	484	458
Wingate	1,440	1,400	1,447	1,423	1,383
SUBTOTAL	35,620	33,296	32,457	31,852	31,865
Junior Colleges:					
Brevard	649	586	578	658	649
Chowan	967	909	877	949	901
Lees-McRae	-	756	677	664	669
Louisburg	839	814	773	750	694
Montreat-Anderson	-	-	-	375	360
Peace	524	488	478	482	476
St. Mary's	261	279	274	241	273
SUBTOTAL	3,240	3,832	3,657	4,119	4,022
TOTAL	54,356	52,383	51,359	50,939	50,521

Cameron Hall, University of North Carolina at Wilmington

UNC-Wilmington's latest campus building addition is the $6.3 million Cameron School of Business Administration. Designed in the modified Georgian Style, Cameron Hall is the largest academic building on campus. The facility contains 70 faculty and administrative offices, 16 lecture and seminar rooms, a 308-seat auditorium and two 20-station computer laboratories.

The 60,000-square foot structure features a large student instructional resource center with reserve/reference materials. The center also provides meeting space for student club activities.

Interior Space Characteristics

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TABLE 13:
NET-TO-GROSS RATIO

The net-to-gross ratio is the net assignable area of a building or group of buildings divided by the gross area. It is generally used as a measure of the efficiency of a building: the higher the net-to-gross ratio, the more space that can be assigned to the various programs for which the building was intended.

Simply stated, the gross area of a building is the sum of the floor areas of the outside faces of its exterior walls for all of the building's stories (or areas that have floor surfaces). A building's assignable area is the sum of all areas on all floors which are assigned to, or available for assignment to, an occupant. More specifically, it is the building's gross area less its custodial, circulation, mechanical, and structural areas.

Beginning in 1985, parking deck space was coded as nonassignable. This change in policy, while providing a truer picture of interior space characteristics, has the effect of decreasing the net-to-gross ratios of institutions with parking decks because gross area figures include these structures. The following institutions have parking decks (gross areas are indicated in parentheses): Central Piedmont Community College (555,136 sq. ft.), North Carolina State University (329,148 sq. ft.), University of North Carolina at Chapel Hill-Health Affairs (522,938 sq. ft.), University of North Carolina at Charlotte (100,295). There are three parking decks at the private major research universities, representing a total gross area of 1,154,039 sq. ft. In addition, the lower level of the octagon section of Duncan Hall at Appalachian State University (5,000 sq. ft.) is a parking deck and is, therefore, considered nonassignable. Adjusted net-to-gross figures for these institutions, which eliminate parking decks entirely and thus provide a more accurate index of campus space efficiency, are as follows: Central Piedmont Community College (68.5%), North Carolina State University (65.6%), University of North Carolina at Chapel Hill-Health Affairs (59.1%), University of North Carolina at Charlotte (67.8%), private major research universities (64.0%), Appalachian State University (69.6%).

If a renovation can increase the amount of assignable space in a building, then part of the cost of the renovation can be justified purely on a cost savings basis. Tables 19 and 20 suggest that new construction costs average $75 per gross square foot. Table 13 indicates that the average net-to-gross ratio is .66. This means that new construction costs are approximately $114 per assignable square foot.

$$\text{CONSTRUCTION COST/ASF} = \frac{\text{CONSTRUCTION COST/GSF}}{\text{NET-TO-GROSS RATIO}}$$

$$\text{CONSTRUCTION COST/ASF} = \frac{\$75}{.66} = \$114$$

Thus every assignable square foot created through a renovation can be viewed as saving the institution $114 in new construction costs.

Net-to-Gross Ratio

Table 13

INSTITUTION	Gross Sq. Ft.	Assignable Sq. Ft.	Net : Gross % 1988	1987	1986	1985	1984
Major Research Universities:							
NC State*	6,619,623	4,128,670	62.4	62.8	62.0	67.1	67.3
NC State Vet.	372,607	222,776	59.8	59.8	60.0	60.0	60.0
UNC-Chapel Hill	6,861,859	4,542,315	66.2	66.2	66.7	66.9	66.8
UNC-Health Aff.*	2,600,032	1,226,983	47.2	47.1	47.1	47.0	64.3
SUBTOTAL	16,454,121	10,120,744	61.5	61.7	61.5	63.5	66.4
Other Doctoral Universities:							
UNC-Greensboro	2,641,186	1,712,196	64.8	65.1	64.9	65.0	65.1
Comprehensive Universities:							
Appalachian*	2,722,490	1,891,744	69.5	69.7	69.4	69.5	69.9
East Carolina	2,875,633	2,019,414	70.2	70.8	70.8	70.7	70.7
ECU-Health Aff.	621,610	387,140	62.3	63.1	63.1	63.1	63.1
Fayetteville	841,418	556,573	66.1	66.9	66.0	66.0	-
NC A & T	2,060,910	1,427,148	69.2	69.3	69.8	69.6	69.7
NC Central	1,551,131	1,013,315	65.3	65.3	65.2	65.2	64.6
UNC-Charlotte*	2,277,924	1,476,259	64.8	67.8	67.2	67.2	66.8
UNC-Wilmington	1,248,667	847,915	67.9	68.1	66.9	66.9	-
West'n Carolina	2,240,489	1,528,712	68.2	68.3	68.3	70.4	70.1
SUBTOTAL	16,440,272	11,148,220	67.8	68.4	68.2	68.5	68.7
Gen. Baccalaureate Universities:							
Elizabeth City	731,698	518,902	70.9	71.1	72.5	72.0	71.7
Fayetteville	-	-	-	-	-	-	66.0
Pembroke	682,888	462,588	67.7	68.3	69.4	69.4	69.4
UNC-Asheville	629,315	421,790	67.0	68.6	70.3	70.3	70.4
UNC-Wilmington	-	-	-	-	-	-	66.4
Winston-Salem	853,988	579,028	67.8	67.8	69.0	69.0	69.0
SUBTOTAL	2,897,889	1,982,308	68.4	68.9	70.2	70.1	68.5

*Beginning in 1985, the net-to-gross ratios for these institutions were affected by a change in the way parking decks were reported. See page 81.

Net-to-Gross Ratio

Table 13

INSTITUTION	Gross Sq. Ft.	Assignable Sq. Ft.	Net : Gross % 1988	1987	1986	1985	1984
Specialized Institution:							
NC Sch. of Arts	602,157	412,689	68.5	69.5	69.8	70.1	70.1
Teaching Hospital:							
NC Mem. Hosp.	1,236,581	706,277	57.1	56.2	57.8	57.6	57.2
Community Colleges:							
SUBTOTAL*	11,729,474	8,151,237	69.5	69.6	70.7	70.7	73.9
		PRIVATE INSTITUTIONS					
Major Research Universities:							
SUBTOTAL*	12,523,185	7,278,731	58.1	59.5	59.2	59.1	68.3
Gen. Baccalaureate Colleges:							
SUBTOTAL	15,056,325	10,665,470	70.8	70.7	70.7	70.7	70.7
Junior Colleges:							
SUBTOTAL	1,819,526	1,277,604	70.2	70.5	70.1	69.7	69.8
GRAND TOTAL	81,400,716	53,455,476	65.7	66.0	66.1	66.6	69.0

*Beginning in 1985, the net-to-gross ratios for these institutions were affected by a change in the way parking decks were reported. See page 81.

Net-to-Gross Ratio

Table 13

INSTITUTION	Gross Sq. Ft.	Assignable Sq. Ft.	Net : Gross %				
			1988	1987	1986	1985	1984
Community Colleges:							
Alamance CC	157,002	105,791	67.4	67.5	67.4	67.4	65.3
Anson CC	69,460	50,672	73.0	72.9	73.7	72.6	73.4
Asheville-Bun. TCC	340,340	237,865	69.9	70.1	70.4	70.4	70.3
Beaufort Co. CC	128,848	100,203	77.8	78.7	78.7	78.3	76.8
Bladen CC	103,372	78,917	76.3	76.5	76.5	76.9	76.3
Blue Ridge CC	163,140	123,111	75.5	77.2	76.7	76.7	76.1
Brunswick CC	107,855	83,188	77.1	82.1	81.7	81.7	81.6
Caldwell CC & TI	168,574	128,520	76.2	76.2	75.9	75.9	76.0
Cape Fear CC	198,389	136,896	69.0	69.0	69.0	71.2	72.0
Carteret CC	154,736	118,035	76.3	77.4	77.6	75.2	75.8
Catawba Vy. CC	274,863	203,479	74.0	74.9	74.9	74.9	74.9
C. Carolina CC	157,843	121,715	77.1	77.1	78.0	77.9	77.6
C. Piedmont CC*	1,265,341	486,514	38.4	38.2	41.4	41.7	73.0
Cleveland CC	150,014	111,930	74.6	75.4	75.6	75.6	75.3
Coastal Car. CC	214,716	155,551	72.4	72.4	72.6	72.6	72.6
Col. Albemarle	132,914	94,999	71.5	71.5	71.5	71.3	70.7
Craven CC	127,058	91,657	72.1	72.1	72.1	71.9	71.9
Davidson Co. CC	211,332	146,941	69.5	69.5	69.5	69.5	69.5
Durham TCC	225,312	162,162	72.0	73.6	76.4	76.6	78.2
Edgecombe CC	144,858	93,163	64.3	64.3	69.2	69.4	69.3
Fayettev'le TCC	404,172	290,858	72.0	72.8	72.9	72.8	72.8
Forsyth TCC	383,785	284,443	74.1	74.1	73.9	73.9	75.3
Gaston Col.	276,234	192,544	69.7	69.7	69.7	69.8	69.8
Guilford TCC	578,191	411,243	71.1	72.0	71.9	72.5	72.6
Halifax CC	119,225	88,049	73.9	74.0	73.9	75.9	75.9
Haywood CC	234,781	183,400	78.1	78.1	78.4	78.3	78.4
Isothermal CC	216,073	164,330	76.1	77.3	77.3	77.6	77.6
J. Sprunt CC	114,561	85,316	74.5	75.6	75.1	75.1	75.1
Johnston CC	135,885	105,704	77.8	78.0	78.1	78.4	78.1
Lenoir CC	203,548	160,033	78.6	77.6	77.3	77.7	77.7

*Beginning in 1985, the net-to-gross for this institution was affected by a change in the way parking decks were reported. See page 81.

Net-to-Gross Ratio

Table 13

INSTITUTION	Gross Sq. Ft.	Assignable Sq. Ft.	Net : Gross %				
			1988	1987	1986	1985	1984
Community Colleges:							
Martin CC	151,265	110,951	73.3	73.3	75.9	75.9	76.4
Mayland CC	96,568	71,017	73.5	70.5	66.4	66.4	64.5
McDowell TCC	92,006	69,553	75.6	75.6	79.1	79.1	79.1
Mitchell CC	250,997	181,016	72.1	72.1	69.6	69.6	69.5
Montgomery CC	69,786	47,807	68.5	68.1	67.3	67.3	67.5
Nash CC	177,684	127,992	72.0	71.6	71.6	73.4	73.4
Pamlico CC	40,198	28,725	71.5	71.5	71.5	71.5	71.5
Piedmont CC	117,486	98,408	83.8	85.9	86.9	86.9	86.9
Pitt CC	177,554	132,619	74.7	75.7	76.2	76.2	76.2
Randolph CC	179,677	142,052	79.1	79.7	79.9	78.8	78.8
Richmond CC	150,319	109,208	72.7	76.1	77.1	77.1	77.1
Roanoke-Cho. CC	119,175	83,752	70.3	70.3	71.8	71.8	71.8
Robeson CC	222,575	168,050	75.5	75.8	79.8	79.8	79.8
Rockingham CC	268,569	194,567	72.4	74.4	73.9	73.9	73.9
Rowan-Cab. CC	191,582	146,324	76.4	76.4	76.5	76.5	75.4
Sampson CC	117,646	87,739	74.6	73.0	72.1	72.2	73.2
Sandhills CC	213,963	156,515	73.2	73.2	73.1	73.7	73.6
Southeastern CC	161,785	119,965	74.2	74.2	76.1	74.2	74.2
Southwestern CC	190,448	138,071	72.5	76.8	77.9	77.9	77.9
Stanly CC	100,311	73,833	73.6	73.4	74.8	72.5	73.5
Surry CC	182,076	133,845	73.5	73.9	73.9	74.0	74.0
Tri-County CC	92,769	73,119	78.8	78.8	81.5	81.5	81.4
Vance-Granv. CC	166,486	105,977	63.7	63.3	63.3	62.3	62.3
Wake TCC	357,100	252,743	70.8	72.3	72.2	72.2	72.3
Wayne CC	167,128	132,909	79.5	79.4	79.9	79.9	80.1
W. Piedmont CC	149,169	103,760	69.6	69.6	69.6	69.7	68.1
Wilkes CC	202,150	149,518	74.0	74.1	74.1	74.1	74.1
Wilson Co. TC	160,580	113,973	71.0	71.8	71.7	72.5	72.7
TOTAL	11,729,474	8,151,237	69.5	69.6	70.7	70.7	73.9

TABLE 14:
PERCENTAGE DISTRIBUTION OF ASSIGNABLE AREA BY SUMMARY PROGRAMS AND SUBPROGRAMS

All colleges and universities conduct a wide range of activities in pursuit of their missions as institutions of higher education. The Program Classification Structure, developed by the National Center for Higher Education Management Statistics in 1978, attempts to categorize these activities.

The structure divides all of an institution's activities into ten major categories, called programs. Each program is divided into various subprograms. Virtually every activity and square foot of assignable space can be related to one of these subprograms.

Table 14 reports for each institution the percentage of total assignable area which is classified under each program. Tables 14a-14d indicate these percentages for the subprograms. Definitions of the programs and subprograms are provided in the narratives which precede the tables.

In Tables 14 and 14a-14d, the percentages relate the assignable square footage of the specified program or subprogram to the total assignable area for the institution. For Table 14, these percentages should in theory add to exactly 100.0, but in some cases they do not because of rounding. In Tables 14a-14d, the sum of the percentages reported for the subprograms comprising a certain program should in theory equal the percentage for that program as reported in Table 14. Again, they sometimes do not because of the rounding of the subprogram percentages.

PROGRAM DEFINITIONS

The descriptions of programs and subprograms which precede Tables 14-14d are excerpted from Program Classification Structure: Technical Report 106 by Douglas J. Collier.

10 Instruction Program. This program includes activities carried out for the express purpose of eliciting some measure of educational change in a learner or group of learners. An instructional activity need not be eligible for credit in meeting specified formal curricular requirements leading to a post-secondary degree or certificate.

20 Research Program. Any activity intended to produce one or more research outcomes--including the creation of knowledge, the organization of knowledge, and the application of knowledge--is included within this program. A research activity may be conducted with institutional funds or under the terms of agreement with an agency external to the institution.

30 Public Service. The Public Service Program includes activities established to make available to the public the various resources and capabilities of the institution for the specific purpose of responding to a community need or solving a community problem.

40 Academic Support Program. Any activity carried out in direct support of one or more of the Instruction (10), Research (20), and Public Service (30) Programs is classified as Academic Support.

50 Student Service Program. The objective of the Student Service Program is to contribute to the emotional and physical well-being of the students, as well as to their intellectual, cultural, and social development outside of the context of the institution's formal Instruction Program.

60 Institutional Administration Program. This program consists of those activities carried out to provide for both the day-to-day functioning and the long-range viability of the institution as an operating organization. The ultimate goal of the Institutional Administration Program is to provide for the institution's organizational effectiveness and continuity.

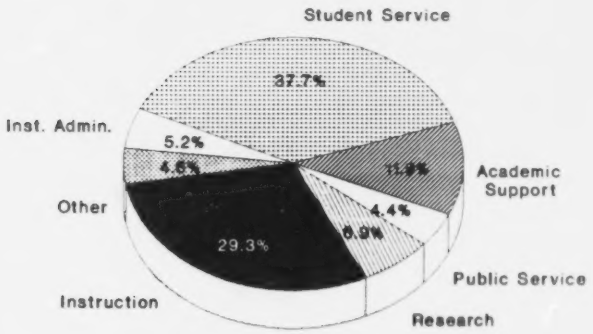
70 Physical Plant Operations Program. Activities related to maintaining existing grounds and facilities, providing utility services, and planning and designing future plant expansions and modifications are included within the Physical Plant Operations Program.

80 Student Financial Support Program. This program includes only the financial assistance provided to students in the form of outright grants, trainee stipends, and prizes, awarded by and/or administered through the institution. Although it is part of the Program Classification Structure, this program applies only to funds and not to space or activities. It is not, therefore, used in facilities inventories.

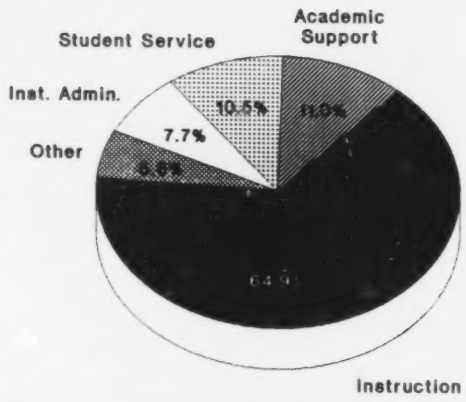
90 Independent Operations Program. Those institutional activities that are owned or controlled by the institution as investments, and which are financed as part of the institution's current operations, comprise the Independent Operations Program.

00 Unassigned. Facilities that are not in use at the time of the inventory are classified under this program. It is unique to facilities management and is not included in the Program Classification Structure.

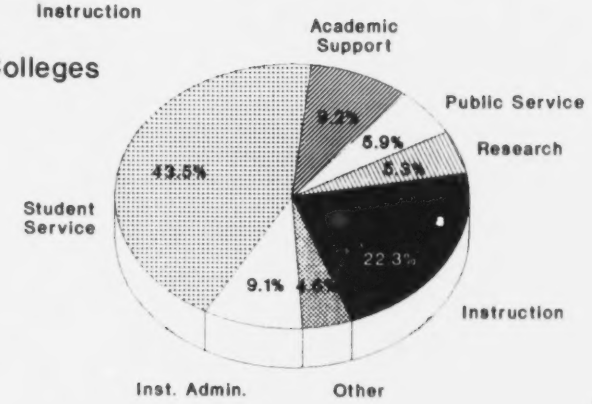
PERCENTAGE DISTRIBUTION OF ASSIGNABLE AREA BY SUMMARY PROGRAMS



University of North Carolina Campuses
and N.C. Memorial Hospital



Community Colleges



Private Institutions

Percentage Distribution of Assignable Area by Summary Programs

Table 14

INSTITUTION	Assignable Sq. Ft.	Instruction 10	Research 20	Public Serv. 30	Acad. Spt. 40	Stud. Serv. 50	Inst. Admin. 60	Phys. Plt. Opns 70	Stud. Fin. Spt. 80	Indep. Opns. 90	Unassigned 00
Major Research Universities:											
NC State	4,128,670	28.7	18.3	3.8	7.0	35.6	3.8	1.9	-	0.6	0.3
NC State Vet	222,776	31.8	30.0	22.8	10.4	3.3	1.3	0.4	-	-	-
UNC-Chapel Hill	4,542,315	21.4	5.8	1.7	17.0	39.7	6.0	2.1	-	4.5	1.8
UNC-Health Aff.	1,226,983	29.6	40.8	5.6	17.1	0.6	0.6	0.3	-	4.2	1.3
SUBTOTAL	10,120,744	25.6	15.7	3.5	12.8	32.5	4.3	1.8	-	2.8	1.1
Other Doctoral Universities:											
UNC-Greensboro	1,712,196	28.2	2.4	<0.1	12.4	43.9	7.6	1.3	-	-	4.2
Comprehensive Universities:											
Appalachian	1,891,744	31.4	0.3	0.5	10.3	49.5	4.8	3.0	-	0.1	0.1
East Carolina	2,019,414	33.9	2.1	0.4	10.1	46.9	5.0	1.3	-	0.2	<0.1
ECU-Health Aff.	387,140	72.2	1.2	6.3	16.1	2.6	-	1.6	-	-	-
Fayetteville	556,573	29.2	0.1	0.5	13.7	39.8	8.4	2.5	-	0.3	5.6
NC A & T	1.427,148	37.9	3.5	0.8	13.0	36.5	4.8	1.3	-	0.6	1.5
NC Central	1,013,315	34.3	0.8	0.1	14.8	42.2	5.8	0.7	-	0.1	1.2
UNC-Charlotte	1,476,259	32.7	2.3	-	9.1	49.7	5.1	1.0	-	-	-
UNC-Wilmington	847,915	26.0	2.1	-	16.7	43.5	7.3	1.7	-	0.3	2.4
West'n Carolina	1,528,712	25.6	0.5	0.1	14.5	43.7	6.9	1.2	-	2.6	4.9
SUBTOTAL	11,148,220	33.2	1.5	0.5	12.3	43.4	5.5	1.6	-	0.5	1.5
Gen. Baccalaureate Universities:											
Elizabeth City	518,902	30.9	-	3.4	8.9	44.4	9.8	1.4	-	0.2	0.9
Pembroke	462,588	38.5	0.1	0.5	8.5	42.1	8.5	1.7	-	-	-
UNC-Asheville	421,790	35.4	0.7	1.7	12.8	39.8	6.9	1.5	-	1.1	0.2
Winston-Salem	579,028	33.0	0.4	0.2	8.8	40.5	7.5	1.8	-	0.1	7.7
SUBTOTAL	1,982,308	34.3	0.3	1.4	9.6	41.8	8.2	1.6	-	0.3	2.5
Specialized Institution:											
NC Sch. of Arts	412,689	43.0	-	6.4	5.8	33.5	5.1	0.7	-	0.5	5.0
Teaching Hospital:											
N. C. Mem. Hosp.	706,277	<0.1	-	97.2	-	-	<0.1	<0.1	-	-	2.7
Community Colleges:											
SUBTOTAL	8,151,237	64.9	-	0.9	11.0	10.5	7.7	1.9	-	0.6	2.3
PRIVATE INSTITUTIONS											
Major Research Universities:											
SUBTOTAL	7,278,731	15.4	13.9	15.6	11.8	32.2	5.8	2.1	-	3.0	0.2
Gen. Baccalaureate Colleges:											
SUBTOTAL	10,665,470	26.3	0.1	0.1	7.7	50.1	11.2	2.0	-	0.7	1.6
Junior Colleges:											
SUBTOTAL	1,277,604	27.6	-	0.1	7.0	52.6	10.5	1.9	-	-	0.4
GRAND TOTAL	53,455,476	32.2	5.3	4.4	10.8	35.7	7.0	1.8	-	1.3	1.5

Percentage Distribution of Assignable Area by Summary Programs

Table 14

INSTITUTION	Assignable Sq. Ft.	Instruction 10	Research 20	Public Serv. 30	Acad. Spt. 40	Stud. Serv. 50	Inst. Admin. 60	Phys. Plt. Opns 70	Stud. Fin. Spt. 80	Indep. Opns. 90	Unassigned 00
Community Colleges:											
Alamance CC	105,791	71.8	-	0.5	11.6	7.0	6.7	2.5	-	-	-
Anson CC	50,672	55.0	-	1.1	18.4	10.8	7.3	5.2	-		2.2
Ashev'le-Bun. TCC	237,865	77.7	-	0.1	5.3	3.9	10.7	1.4	-	-	0.9
Beaufort Co. CC	100,203	61.6	-	-	10.7	12.8	9.8	5.7	-	-	-
Bladen CC	78,917	55.8	-	-	8.6	18.8	6.7	4.4	-	0.9	4.9
Blue Ridge CC	123,111	59.8	-	0.3	12.5	10.1	4.0	6.4	-	0.1	6.7
Brunswick CC	83,188	80.2	-	0.2	3.5	2.5	7.1	0.4	-	-	6.1
Caldwell CC & TI	128,520	59.1	-	-	15.2	16.8	8.7	0.2	-	-	-
Cape Fear CC	136,896	66.1	-	0.2	13.2	10.9	9.2	-	-	0.3	-
Carteret CC	118,035	46.7	-	0.3	7.4	6.1	17.7	0.5	-	14.1	7.2
Catawba Vy. CC	203,479	70.3	-	0.1	9.1	7.6	9.7	-	-	-	3.2
C. Carolina CC	121,715	74.5	-	-	10.2	7.5	4.4	3.3	-	-	-
C. Piedmont CC	486,514	65.4	-	0.3	13.7	10.2	8.6	0.3	-	-	1.5
Cleveland CC	111,930	65.0	-	-	16.6	9.0	8.1	0.4	-	-	0.9
Coastal Car. CC	155,551	69.3	-	0.1	12.7	10.3	5.2	2.4	-	-	-
Col. Albemarle	94,999	68.7	-	0.5	13.0	10.2	5.9	1.7	-	-	-
Craven CC	91,657	74.3	-	0.1	14.8	5.4	5.4	-	-	-	-
Davidson Co. CC	146,941	60.9	-	1.3	19.8	8.4	5.8	3.8	-	-	-
Durham TCC	162,162	64.0	-	0.1	12.2	7.9	10.8	3.1	-	1.7	0.1
Edgecombe CC	93,163	66.9	-	-	13.8	12.5	6.5	0.3	-	-	-
Fayettev'le TCC	290,858	53.5	-	7.2	9.5	15.1	7.2	2.3	-	-	5.2
Forsyth TCC	284,443	69.9	-	0.3	8.6	12.8	5.5	1.9	-	0.1	1.0
Gaston Col.	192,544	69.7	-	-	7.9	12.8	6.8	<0.1	-	-	2.7
Guilford TCC	411,243	69.1	-	2.2	10.0	9.8	6.7	1.5	-	0.6	<0.1
Halifax CC	88,049	59.3	-	3.4	12.2	16.6	5.3	3.2	-	0.1	-
Haywood CC	183,400	71.5	-	0.2	7.9	5.8	2.7	3.4	-	8.5	-
Isothermal CC	164,330	73.9	-	0.7	8.2	7.2	6.7	3.2	-	-	-
J. Sprunt CC	85,316	69.0	-	-	7.3	12.2	7.1	4.5	-	-	-
Johnston CC	105,704	73.1	-	1.2	6.7	9.5	5.1	4.3	-	-	-
Lenoir CC	160,033	65.8	-	0.1	17.3	8.1	8.5	0.3	-	-	-
Martin CC	110,951	63.0	-	-	14.6	13.0	5.5	3.3	-	0.5	-
Mayland CC	71,017	45.5	-	6.7	10.0	7.4	6.9	0.1	-	7.4	16.0
McDowell TCC	69,553	74.5	-	0.1	10.4	5.3	6.6	3.0	-	-	-
Mitchell CC	181,016	56.2	-	-	9.6	16.3	7.2	0.7	-	0.1	9.9
Montgomery CC	47,807	69.1	-	-	11.2	9.3	7.9	2.4	-	-	-
Nash CC	127,992	82.2	-	0.6	4.2	5.8	5.7	1.4	-	-	-
Pamlico CC	28,725	57.9	-	0.8	18.7	9.2	9.3	4.0	-	-	-
Piedmont CC	98,408	49.3	-	15.1	8.5	7.4	15.0	3.5	-	1.2	-
Pitt CC	132,619	63.5	-	0.1	22.7	5.7	6.6	1.2	-	-	0.1
Randolph CC	142,052	64.7	-	-	13.7	11.4	9.4	0.8	-	-	-
Richmond CC	109,208	59.4	-	-	14.1	9.2	11.1	1.5	-	-	4.7
Roanoke-Cho. CC	83,752	57.9	-	0.2	8.8	10.4	6.2	5.0	-	-	11.4
Robeson CC	168,050	60.3	-	-	8.1	15.9	10.3	1.1	-	-	4.3
Rockingham CC	194,567	66.6	-	0.8	9.8	11.0	8.6	0.9	-	-	2.4
Rowan-Cab. CC	146,324	66.8	-	-	14.1	9.4	5.2	4.4	-	-	-
Sampson CC	87,739	59.9	-	-	14.0	11.7	8.2	-	-	-	6.2
Sandhills CC	156,515	67.6	-	0.2	7.6	12.3	8.7	3.7	-	-	-
Southeastern CC	119,965	63.2	-	0.8	14.0	12.4	8.2	1.0	-	-	0.4
Southwestern CC	138,071	54.3	-	-	10.3	23.2	8.9	2.1	-	-	1.2
Stanly CC	73,833	62.5	-	0.5	8.0	7.8	7.7	0.1	-	-	13.3
Surry CC	133,845	66.9	-	0.8	10.2	12.8	4.6	2.4	-	-	2.3
Tri-County CC	73,119	77.9	-	-	9.2	6.6	6.3	-	-	-	-
Vance-Granv. CC	105,977	67.2	-	0.2	13.2	6.6	11.9	0.9	-	-	-
Wake TCC	252,743	55.4	-	-	5.7	8.1	9.7	3.4	-	-	17.6
Wayne CC	132,909	75.7	-	-	7.5	9.5	6.2	0.3	-	-	0.8
W. Piedmont CC	103,760	60.6	-	0.1	15.2	13.0	6.3	4.8	-	-	-
Wilkes CC	149,518	46.4	-	<0.1	13.2	25.7	9.6	0.8	-	4.2	-
Wilson Co. TC	113,973	65.1	-	1.1	15.9	6.9	8.4	2.6	-	-	-
TOTAL	8,151,237	64.9	-	0.9	11.0	10.5	7.7	1.9	-	0.6	2.3

TABLE 14a:
INSTRUCTION, RESEARCH AND PUBLIC SERVICE SUBPROGRAMS

Table 14a indicates the percentages of institutional square footage under the Instruction, Research, and Public Service Subprograms.

The definitions of these subprograms follow. Subprograms which are described but which are not included in Table 14a had no square footage assigned to them by institutions.

11 General Academic Instruction. This subprogram includes those instructional offerings intended both to prepare learners, in a generalized sense, to function in a number of different occupations and to prepare them for further academic study. Instructional offerings of this general academic nature are classified in this subprogram only if they are offered as part of one of the institution's formal degree or certificate programs.

12 Vocational/Technical Instruction. This subprogram includes those instructional offerings intended to prepare learners for immediate entry into a specific occupation or career. Instructional offerings are classified in this subprogram only if they are offered as part of one of the institution's formal degree or certificate programs.

13 Requisite Preparatory/Remedial Instruction. This category includes those instructional offerings carried out to provide the learner with the skills or knowledge required by the institution to undertake course work leading to a postsecondary degree or certificate.

14 General Studies. This subprogram includes those instructional offerings that are not part of one of the institution's formal postsecondary degree or certificate programs and that are intended to provide the learner with knowledge, skills, and attitudes typically associated with an academic discipline (such as literature, mathematics, philosophy).

15 Occupational-Related Instruction. This subprogram includes those instructional offerings that are not carried out as part of a formal certificate or degree program but that are offered to provide the learner with knowledge, skills, and background related to a specific occupation or career.

16 Social Roles/Interaction Instruction. This subprogram includes those instructional offerings that are not carried out as part of a certificate or degree program but that are offered to provide the learner with knowledge, skills, and background needed to function as a member of society or to interact with the variety of social institutions. It also includes those offerings that deal with the person as a member of a particular social organization or institution.

17 Home and Family Life Instruction. This subprogram includes those instructional offerings that are not offered as part of a certificate or degree program, but which are carried out to provide the learner with knowledge, skills, and capabilities related to the establishment, maintenance, and improvement of a home; to the carrying out of those functions typically associated with the conduct of a household; or to the person's responsibilities as a member of the family unit.

18 Personal Interest and Leisure Instruction. This subprogram includes those instructional activities that are not offered as part of a certificate or degree program, but which are carried out to support an individual's recreational or avocational pursuits or to improve his or her day-to-day living skills.

21 Institutes and Research Centers. This subprogram includes all research activities conducted within the framework of a formal research organization except for those conducted under the 21 federally funded research centers. (There are no federally funded research centers in North Carolina.)

22 Individual or Project Research. This subprogram includes those research activities that normally are managed within the academic departments. Such research activities usually have a stated goal or purpose, have projected outcomes, and generally are created for specific time periods as a result of a contract, grant, or specific time allocation of institutional resources. Research which is carried out as an instructional activity, however, is classified under the appropriate Instructional Subprogram.

31 Direct Patient Care. This subprogram includes those activities carried out for the specific purpose of providing direct patient care (prevention, diagnosis, treatment, education, rehabilitation, and so forth). These services are typically rendered under the auspices of a teaching hospital or health-sciences center and are provided for the benefit of a clientele in the community-at-large rather than for the institution's own student body or faculty and staff.

32 Health Care Supportive Services. This subprogram includes those activities that are unique to a teaching hospital, health-science center, or clinic and that directly support the provision of health care, but which cannot themselves legitimately be considered part of the provision of direct patient care.

33 Community Services. This subprogram consists of resources, services, and expertise made available to persons and groups outside of the context of the institution's regular Instruction, Research, and support programs that are not included in the other Public Service Subprograms (i.e., 31, 32, 34, and 35). Activities within this subprogram differ from those under Cooperative Extension Services (34) in that they are generally sponsored and controlled by the institution; extension services usually involve a sharing of programmatic and fiscal control with an outside agency.

34 Cooperative Extension Services. This subprogram includes those activities that make resources, services, and expertise available outside the Instruction, Research, and support programs and that are conducted as cooperative efforts with outside agencies. A distinguishing feature of the activities included in this subprogram is that programmatic and fiscal control is usually shared with one or more external agencies or governmental units.

35 Public Broadcasting Services. This subprogram includes the operation and maintenance of broadcasting services that are operated outside the context of the institution's Instruction, Research, and support programs. Excluded from this category are broadcasting services that are conducted primarily in support of instruction, broadcasting services that are primarily operated as a student-broadcasting club, and broadcasting activities that are independent operations.

Instruction, Research & Public Service Subprograms

Table 14a

INSTITUTION	Gen'l Acad. Instr. 11	Voc. Tech. Instr. 12	Prep. Remed. Instr. 13	Gen'l Studies 14	Occup. Relatd Instr. 15	Social Roles Instr. 16	Home & Family Life 17	Pers. Int. Leis. Instr. 18
Major Research Universities:								
NC State	28.6	-	0.1	-	<0.1	-	-	-
NC State Vet.	31.8	-	-	-	-	-	-	-
UNC-Chapel Hill	21.4	-	<0.1	<0.1	<0.1	-	-	-
UNC-Health Aff.	28.9	-	<0.1	0.1	0.5	-	-	-
SUBTOTAL	25.5	-	<0.1	<0.1	0.1	-	-	-
Other Doctoral Universities:								
UNC-Greensboro	28.0	-	0.1	-	-	-	-	-
Comprehensive Universities:								
Appalachian	28.5	-	-	2.9	-	-	-	-
East Carolina	33.9	-	-	-	-	-	-	-
ECU-Health Aff.	72.2	-	-	-	-	-	-	-
Fayetteville	28.5	-	-	0.7	-	-	-	-
NC A & T	37.9	-	<0.1	-	-	-	-	-
NC Central	34.2	-	0.1	-	-	<0.1	-	-
UNC-Charlotte	32.7	-	-	-	-	-	-	-
UNC-Wilmington	25.7	-	-	-	0.3	-	-	-
West'n Carolina	25.1	-	0.1	0.1	0.1	0.1	-	-
SUBTOTAL	32.6	-	<0.1	0.5	<0.1	<0.1	-	-
Gen. Baccalaureate Universities:								
Elizabeth City	30.0	-	0.9	-	-	-	-	-
Pembroke	37.9	-	0.6	-	-	-	-	-
UNC-Asheville	35.4	-	-	-	-	-	-	-
Winston-Salem	32.4	-	0.6	-	-	-	-	-
SUBTOTAL	33.7	-	0.6	-	-	-	-	-

Instruction, Research & Public Service Subprograms

Table 14a

Inst. & Res. Ctrs.	Indiv. Project Res.	Direct Patient Care	Health Care Svc.	Commu-nity Svc.	Coop. Exten. Svc.	Public Broad. Svc.	INSTITUTION
21	22	31	32	33	34	35	
							Major Research Universities:
-	18.3	-	-	1.8	2.0	-	NC State
-	30.0	9.3	13.5	-	-	-	NC State Vet.
0.4	5.4	-	-	1.4	-	0.2	UNC-Chapel Hill
1.9	38.9	2.4	2.8	0.4	-	-	UNC-Health Aff.
0.4	15.3	0.5	0.6	1.4	0.8	0.1	SUBTOTAL
							Other Doctoral Universities:
-	2.4	-	-	-	<0.1	-	UNC-Greensboro
							Comprehensive Universities:
-	0.3	-	-	0.5	-	-	Appalachian
0.1	2.0	-	-	0.4	-	<0.1	East Carolina
-	1.2	1.4	3.1	1.8	-	-	ECU-Health Aff.
-	0.1	-	-	0.4	-	<0.1	Fayetteville
0.2	3.3	-	-	0.2	0.6	0.1	NC A & T
0.2	0.6	-	-	0.1	-	-	NC Central
0.2	2.0	-	-	-	-	-	UNC-Charlotte
1.4	0.7	-	-	-	-	-	UNC-Wilmington
-	0.5	-	-	0.1	-	-	West'n Carolina
0.2	1.3	<0.1	0.1	0.3	0.1	<0.1	SUBTOTAL
							Gen. Baccalaureate Universities:
-	-	-	-	3.1	-	0.3	Elizabeth City
-	0.1	-	-	0.5	-	-	Pembroke
0.3	0.4	-	-	1.7	-	-	UNC-Asheville
-	0.4	-	-	0.1	-	0.1	Winston-Salem
0.1	0.2	-	-	1.3	-	0.1	SUBTOTAL

Instruction, Research & Public Service Subprograms

Table 14a

INSTITUTION	Gen'l Acad. Instr. 11	Voc. Tech. Instr. 12	Prep. Remed. Instr. 13	Gen'l Studies 14	Occup. Relatd Instr. 15	Social Roles Instr. 16	Home & Family Life 17	Pers. Int. Leis. Instr. 18
Specialized Institution:								
NC Sch. of Arts	43.0	-	-	-	-	-	-	-
Teaching Hospital:								
NC Mem. Hosp.	<0.1	-	-	-	-	-	-	-
Community Colleges:								
SUBTOTAL	7.2	51.2	0.7	2.4	2.7	0.1	0.2	0.5
PRIVATE INSTITUTIONS								
Major Research Universities:								
SUBTOTAL	15.2	-	0.1	0.1	0.1	-	-	-
Gen. Baccalaureate Colleges:								
SUBTOTAL	26.1	<0.1	0.1	<0.1	0.1	<0.1	-	-
Junior Colleges:								
SUBTOTAL	27.5	-	<0.1	-	-	-	-	-
GRAND TOTAL	23.1	7.8	0.2	0.5	0.5	<0.1	<0.1	0.1

Instruction, Research & Public Service Subprograms

Table 14a

Inst. & Res. Ctrs.	Indiv. Project Res.	Direct Patient Care	Health Care Svc.	Commu-nity Svc.	Coop. Exten. Svc.	Public Broad. Svc.	INSTITUTION
21	22	31	32	33	34	35	
							Specialized Institution:
-	-	-	-	6.4	-	-	NC Sch. of Arts
							Teaching Hospital:
-	-	30.8	66.4	-	-	-	NC Mem. Hosp.
							Community Colleges:
-	-	-	-	0.8	<0.1	<0.1	SUBTOTAL
				PRIVATE INSTITUTIONS			
							Major Research Universities:
-	13.9	4.9	10.5	<0.1	-	<0.1	SUBTOTAL
							Gen. Baccalaureate Colleges:
-	0.1	-	-	0.1	-	-	SUBTOTAL
							Junior Colleges:
-	-	-	-	0.1	-	-	SUBTOTAL
0.1	5.2	1.2	2.5	0.6	0.2	<0.1	GRAND TOTAL

Instruction, Research & Public Service Subprograms

Table 14a

INSTITUTION	Gen'l Acad. Instr.	Voc. Tech. Instr.	Prep. Remed. Instr.	Gen'l Studies	Occup. Relatd Instr.	Social Roles Instr.	Home & Family Life	Pers. Int. Leis. Instr.	Comm-nity Svc.
	11	12	13	14	15	16	17	18	33
Community Colleges:									
Alamance CC	-	60.2	0.6	2.4	8.6	-	-	-	0.5
Anson CC	-	46.3	0.5	5.6	2.7	-	-	-	1.1
Ashev'le-Bun. TCC	-	67.3	0.1	0.5	9.8	-	-	-	0.1
Beaufort Co. CC	-	58.2	-	2.9	-	-	-	-	-
Bladen CC	-	48.9	-	4.6	1.3	0.1	0.8	-	-
Blue Ridge CC	-	52.1	-	1.7	6.0	-	-	-	0.3
Brunswick CC	-	77.1	0.2	0.6	0.2	-	2.2	-	0.2
Caldwell CC & TI	11.4	46.0	1.7	-	-	-	-	-	-
Cape Fear CC	0.6	62.4	-	3.0	0.1	-	-	-	0.2
Carteret CC	-	42.2	0.2	1.8	0.2	-	-	2.3	0.3
Catawba Vy. CC	0.3	61.1	-	0.7	5.2	-	-	3.0	0.1
C. Carolina CC	-	68.5	-	2.1	3.8	-	-	-	-
C. Piedmont CC	14.2	47.3	2.7	0.5	0.3	0.2	0.3	-	0.3
Cleveland CC	0.8	59.4	-	0.8	1.1	-	2.9	-	-
Coastal Car. CC	20.2	40.3	0.1	1.5	6.7	-	0.5	-	0.1
Col. Albemarle	17.0	44.6	0.8	5.8	0.4	-	-	-	0.5
Craven CC**	5.1	61.8	0.4	7.0	-	-	-	-	-
Davidson Co. CC	19.3	40.0	0.1	1.4	-	-	-	-	1.3
Durham TCC	0.1	57.7	-	6.1	<0.1	-	-	-	0.1
Edgecombe CC	3.3	58.0	-	4.5	1.1	-	-	-	-
Fayettev'le TCC	0.1	52.7	-	0.7	-	-	-	-	7.2
Forsyth TCC	-	54.8	1.0	6.6	2.4	-	0.4	4.7	0.3
Gaston Col.	19.4	47.8	0.6	0.7	1.0	0.3	-	-	-
Guilford TCC*	3.2	51.0	1.9	4.8	6.3	0.2	-	1.8	2.2
Halifax CC	13.8	37.4	3.7	0.3	0.9	1.0	-	2.3	3.4
Haywood CC	-	57.8	-	0.6	11.3	-	-	1.8	0.2
Isothermal CC**	29.5	36.0	1.5	3.0	2.3	-	0.6	1.1	-
J. Sprunt CC	-	64.9	0.2	3.9	-	-	-	-	-
Johnston CC	-	72.3	-	0.8	-	-	-	-	1.2
Lenoir CC*	26.0	37.4	-	1.5	0.1	-	0.9	-	-

*34 (Coop. Exten. Svc.): Guilford TCC - <0.1, Lenoir CC - 0.1, Pitt CC - 0.1
Subtotal - <0.1

Instruction, Research & Public Service Subprograms

Table 14a

INSTITUTION	Gen'l Acad. Instr. 11	Voc. Tech. Instr. 12	Prep. Remed. Instr. 13	Gen'l Studies 14	Occup. Relatd Instr. 15	Social Roles Instr. 16	Home & Family Life 17	Pers. Int. Leis. Instr. 18	Comm-nity Svc. 33
Community Colleges:									
Martin CC	12.7	49.1	-	1.2	-	-	-	-	-
Mayland CC	-	44.4	-	1.0	-	-	-	-	6.7
McDowell TCC	1.8	67.0	-	2.8	2.9	-	-	-	0.1
Mitchell CC	20.6	20.5	<0.1	12.1	2.9	-	-	-	-
Montgomery CC	-	69.1	-	-	-	-	-	-	-
Nash CC	-	47.2	1.2	-	32.8	0.5	0.5	-	0.6
Pamlico CC	-	57.9	-	-	-	-	-	-	0.8
Piedmont CC	-	42.9	0.5	2.2	3.7	-	-	-	15.1
Pitt CC*	5.2	55.2	1.0	2.1	-	-	-	-	-
Randolph CC	-	62.4	-	0.2	2.1	-	-	-	-
Richmond CC	-	54.1	-	3.6	1.5	0.3	-	-	-
Roanoke-Cho. CC	-	50.0	0.8	1.6	3.0	-	-	2.5	0.2
Robeson CC	-	57.5	-	2.8	-	-	-	-	-
Rockingham CC	29.4	32.4	-	1.2	3.6	-	-	-	0.8
Rowan-Cab. CC	-	64.5	-	-	2.4	-	-	-	-
Sampson CC	-	48.4	3.3	7.1	-	-	1.1	-	-
Sandhills CC	25.2	36.8	1.1	0.9	3.5	-	0.1	-	0.2
Southeastern CC	14.9	45.8	1.8	0.6	-	-	-	-	0.8
Southwestern CC	-	52.5	-	1.4	-	-	-	0.4	-
Stanly CC**	-	61.5	-	-	1.0	-	-	-	0.3
Surry CC	19.6	42.9	1.0	0.1	3.2	-	-	-	0.8
Tri-County CC	5.0	66.3	-	5.4	-	-	1.0	0.2	-
Vance-Granv. CC	4.4	55.0	0.7	5.2	1.9	-	-	-	0.2
Wake TCC	-	51.3	0.3	2.6	1.2	-	-	-	-
Wayne CC	11.5	61.6	1.2	1.5	-	-	-	-	-
W. Piedmont CC	22.3	33.7	-	3.4	1.3	-	-	-	0.1
Wilkes CC	14.0	31.8	-	0.6	-	-	-	-	<0.1
Wilson Co. TC	-	57.0	5.2	1.2	1.0	-	0.7	-	1.1
TOTAL	7.2	51.2	0.7	2.4	2.7	0.1	0.2	0.5	0.8

**35 (Public Broad. Svc.): Craven CC - 0.1, Isothermal CC - 0.7, Stanly CC - 0.2, Subtotal - <0.1

TABLE 14b:
ACADEMIC SUPPORT SUBPROGRAMS

Table 14b indicates the percentages of institutional square footage under each of the Academic Support Subprograms.

The definitions of these subprograms follow. Subprograms which are described but which are not included in Table 14b had no square footage assigned to them by institutions.

41 Library Services. This subprogram includes those activities that directly support the collection, cataloging, storage, and distribution of published materials in support of one or more of the institution's primary programs. This subprogram applies only to library services which are separately funded; departmental libraries are included under the appropriate Instruction Subprogram.

42 Museums and Galleries. This subprogram includes those activities related to the collection, preservation, and exhibition of historical materials, art objects, scientific displays, and so forth, that support one or more of the institution's primary programs. This subprogram applies only to museums and galleries which are separately funded; departmental libraries are included under the appropriate Instruction Subprogram.

43 Educational Media Services. This subprogram includes those audio, visual, and other technological services that have been established to provide direct support for the institution's Instruction, Research, and Public Service Programs.

44 Academic Computer Support. This subprogram includes those computer services that have been established to provide direct support for one or more of the institution's primary programs. It does not include administrative data-processing services and computing support.

45 Ancillary Support. This subprogram includes those activities that directly contribute to the way in which instruction is delivered or research is conducted but that cannot be appropriately classified as educational media services or academic computing support.

46 Academic Administration. This subprogram consists of those activities that provide administrative and management support specifically for the institution's academic programs. It includes the activities of the college deans, the administrative activities of departmental chairpersons, and the activities of their associated support staff, but it does not include the activities of those whose responsibilities are institution-wide and involve duties outside of the academic realm.

47 Course and Curriculum Development. This subprogram includes only those formal planning and development activities established either to improve or to add to the institution's curriculum. Those activities that individual faculty members carry out to update and improve their current course offerings are included under the appropriate Instruction Subprogram.

48 Academic Personnel Development. This subprogram includes those activities that provide the faculty with opportunities for personal and professional growth and development, as well as those activities intended to evaluate and reward the professional performance of the faculty.

Table 14b

Academic Support Subprograms

INSTITUTION	Libr. Svcs.	Museum & Galleries	Educ. Media Svcs.	Acad. Comput. Spt.	Ancil-lary Spt.	Acad. Admin.	Course & Curr. Devel.	Acad. Pers. Dev.
	41	42	43	44	45	46	47	48
Major Research Universities:								
NC State	4.1	-	0.2	0.6	<0.1	2.1	-	-
NC State Vet.	5.4	-	1.0	0.1	-	3.9	-	-
UNC-Chapel Hill	13.7	-	0.2	0.4	0.2	2.6	-	<0.1
UNC-Health Aff.	5.4	-	0.4	0.2	0.1	11.0	0.1	<0.1
SUBTOTAL	8.6	-	0.2	0.5	0.1	3.4	<0.1	<0.1
Other Doctoral Universities:								
UNC-Greensboro	8.0	0.8	1.0	1.0	1.2	0.4	-	-
Comprehensive Universities:								
Appalachian	6.0	1.2	0.5	0.2	0.5	1.9	0.1	0.1
East Carolina	5.9	0.3	0.1	<0.1	2.2	1.5	-	-
ECU-Health Aff.	12.0	-	0.4	-	0.5	3.2	-	-
Fayetteville	9.6	0.4	0.8	<0.1	1.1	1.8	-	-
NC A & T	3.5	0.6	0.2	0.3	4.6	3.7	-	-
NC Central	9.0	0.4	0.5	0.8	1.1	2.9	-	-
UNC-Charlotte	5.4	0.1	0.6	0.5	-	2.5	-	-
UNC-Wilmington	14.5	-	-	0.1	-	2.1	-	-
West'n Carolina	7.8	0.6	0.4	0.2	4.1	1.4	-	-
SUBTOTAL	7.1	0.5	0.4	0.3	1.8	2.2	<0.1	<0.1
Gen. Baccalaureate Universities:								
Elizabeth City	6.2	0.1	0.1	0.4	0.9	1.1	-	-
Pembroke	5.0	1.6	0.8	0.2	-	0.9	-	-
UNC-Asheville	9.3	0.6	1.0	1.7	-	0.3	-	-
Winston-Salem	4.7	0.7	0.3	0.5	0.4	2.4	-	-
SUBTOTAL	6.1	0.7	0.5	0.6	0.3	1.3	-	-

Table 14b

Academic Support Subprograms

INSTITUTION	Libr. Svcs. 41	Museum & Galleries 42	Educ. Media Svcs. 43	Acad. Comput. Spt. 44	Ancil-lary Spt. 45	Acad. Admin. 46	Course & Curr. Devel. 47	Acad. Pers. Dev. 48
Specialized Institution:								
NC Sch. of Arts	4.4	0.7	0.1	0.1	-	0.6	-	-
Teaching Hospital:								
NC Mem. Hosp.	-	-	-	-	-	-	-	-
Community Colleges:								
SUBTOTAL	7.6	0.1	1.0	0.1	0.6	1.7	<0.1	<0.1
PRIVATE INSTITUTIONS								
Major Research Universities:								
SUBTOTAL	7.9	0.4	0.1	0.3	<0.1	3.0	-	<0.1
Gen. Baccalaureate Colleges:								
SUBTOTAL	6.2	0.4	0.3	0.1	0.3	0.4	-	<0.1
Junior Colleges:								
SUBTOTAL	6.1	0.4	-	0.1	-	0.4	-	-
GRAND TOTAL	7.3	0.3	0.4	0.3	0.6	1.9	<0.1	<0.1

Table 14b

Academic Support Subprograms

INSTITUTION	Libr. Svcs.	Museum & Galleries	Educ. Media Svcs.	Acad. Comput. Spt.	Ancil-lary Spt.	Acad. Admin.	Course & Curr. Devel.	Acad. Pers. Dev.
	41	42	43	44	45	46	47	48
Community Colleges:								
Alamance CC	6.4	-	0.8	-	3.4	0.9	-	-
Anson CC	13.7	-	0.5	-	-	4.3	-	-
Ashev'le-Bun. TCC	3.2	-	0.3	<0.1	-	1.8	-	-
Beaufort Co. CC	8.2	-	0.9	-	-	1.4	0.2	-
Bladen CC	7.1	-	0.5	-	-	1.0	-	-
Blue Ridge CC	9.2	0.1	2.2	-	-	1.0	-	-
Brunswick CC	1.2	-	-	-	-	2.4	-	-
Caldwell CC & TI	9.2	-	1.6	-	-	4.4	-	-
Cape Fear CC	9.7	-	2.6	-	-	0.9	-	-
Carteret CC	5.2	-	1.1	-	-	1.0	0.1	-
Catawba Vy. CC	5.8	0.2	0.5	-	0.2	2.3	-	-
C. Carolina CC	8.0	-	1.0	-	-	1.2	-	-
C. Piedmont CC	8.3	-	1.7	-	1.4	2.4	-	-
Cleveland CC	12.3	0.5	1.7	-	-	2.1	-	-
Coastal Car. CC	10.7	0.3	1.0	-	-	0.6	-	-
Col. Albemarle	9.6	0.8	0.7	-	-	1.9	-	-
Craven CC	11.6	-	1.8	-	-	1.4	-	-
Davidson Co. CC	12.1	-	2.0	0.3	3.4	2.0	-	-
Durham TCC	7.4	-	1.7	-	-	2.9	0.2	-
Edgecombe CC	10.3	-	1.2	0.3	-	2.0	-	-
Fayettev'le TCC	4.0	-	0.7	-	-	4.9	-	-
Forsyth TCC	5.7	-	0.5	0.3	-	2.1	-	-
Gaston Col.	4.9	0.3	-	0.4	1.6	0.7	-	-
Guilford TCC	7.3	-	0.8	-	-	1.8	0.1	-
Halifax CC	10.2	-	0.5	-	-	1.5	-	-
Haywood CC	4.1	0.2	0.9	-	2.2	0.5	-	-
Isothermal CC	5.1	-	0.6	-	1.7	0.8	-	-
J. Sprunt CC	5.8	-	-	-	-	1.2	-	0.3
Johnston CC	4.0	-	0.8	-	-	2.0	-	-
Lenoir CC	13.4	1.2	1.1	-	-	1.6	-	-

Table 14b

Academic Support Subprograms

INSTITUTION	Libr. Svcs. 41	Museum & Galleries 42	Educ. Media Svcs. 43	Acad. Comput. Spt. 44	Ancil-lary Spt. 45	Acad. Admin. 46	Course & Curr. Devel. 47	Acad. Pers. Dev. 48
Community Colleges:								
Martin CC	12.9	-	-	-	-	1.7	-	-
Mayland CC	9.9	-	-	-	-	0.2	-	-
McDowell TCC	7.3	0.9	-	0.4	1.6	0.2	-	-
Mitchell CC	6.5	0.7	0.7	-	-	1.8	-	-
Montgomery CC	6.8	-	-	-	3.9	0.5	-	-
Nash CC	3.1	-	-	-	-	1.1	-	-
Pamlico CC	14.9	-	2.0	0.3	-	1.5	-	-
Piedmont CC	7.2	-	0.5	0.1	-	0.6	-	-
Pitt CC	15.3	-	2.3	-	3.4	1.6	-	-
Randolph CC	10.6	-	1.7	-	-	1.3	-	-
Richmond CC	10.5	-	1.6	0.6	-	1.4	-	-
Roanoke-Cho. CC	7.6	-	-	-	-	1.2	-	-
Robeson CC	6.0	-	1.4	-	-	0.8	-	-
Rockingham CC	7.7	0.7	0.5	-	-	0.9	-	-
Rowan-Cab. CC	10.4	-	0.8	-	-	2.9	-	-
Sampson CC	10.9	-	-	-	-	3.1	-	-
Sandhills CC	5.6	-	0.9	-	-	1.0	-	-
Southeastern CC	10.9	-	0.8	0.2	1.7	0.4	-	-
Southwestern CC	5.9	-	1.8	-	-	2.7	-	-
Stanly CC	6.7	-	0.3	-	-	1.0	-	-
Surry CC	8.6	-	1.0	0.1	-	0.4	-	-
Tri-County CC	8.7	-	-	-	-	0.5	-	-
Vance-Granv. CC	9.3	-	-	0.2	2.6	1.1	-	-
Wake TCC	3.3	-	1.3	0.3	-	0.8	-	-
Wayne CC	5.1	-	1.2	-	-	1.2	-	-
W. Piedmont CC	9.0	-	2.7	-	-	3.6	-	-
Wilkes CC	7.1	1.4	1.2	-	2.2	1.3	-	-
Wilson Co. TC	6.1	-	2.0	-	5.8	2.0	-	-
TOTAL	7.6	0.1	1.0	0.1	0.6	1.7	<0.1	<0.1

TABLE 14c:
STUDENT SERVICE AND PHYSICAL PLANT OPERATIONS SUBPROGRAMS

Table 14c indicates the percentages of institutional square footage under the Student Service and Physical Plant Operations Subprograms.

The definitions of these subprograms follow. Subprograms which are described but which are not included in Table 14c had no square footage assigned to them by institutions.

51 Student Service Administration. This subprogram includes those administrative activities that provide assistance and support (excluding academic support) to the needs and interests of students.

52 Social and Cultural Development. This subprogram includes those activities established to provide for the social and cultural development of the student outside of the formal academic program. It includes those activities primarily supported and controlled by the student body, those cultural activities provided outside the student's educational experience, and general recreation activities for the student body.

53 Counseling and Career Guidance. This subprogram includes those formal placement, career guidance, and personal counseling services provided for the benefit of students. Excluded are psychiatric and psychological counseling services that are carried out as part of the student health program.

54 Financial Aid Administration. This subprogram includes those administrative activities carried out in support of the institution's financial aid program.

55 Student Auxiliary Services. This subprogram includes those conveniences and services needed to maintain an on-campus, resident student body. A fee which is related to but not necessarily equal to the cost of the service rendered is often charged for these services.

56 Intercollegiate Athletics. This subprogram includes those team and individual sports activities that involve competition between two or more educational institutions.

57 Student Health/Medical Services. This subprogram includes those activities carried out for the specific purpose of providing health and medical services for the student body. The activities included here generally are associated with a student infirmary rather than a teaching hospital. Health and medical services provided for the institution's faculty and staff are also included in this subprogram.

71 Physical Plant Administration. This subprogram consists of those administrative activities carried out in direct support of the institution's physical plant operations. Those activities related to the development of plans for plant expansion or modification as well as for new construction are also included.

72 Building Maintenance. This subprogram consists of those activities related to routine repair and maintenance of buildings and structures, including both normally recurring repairs and preventive maintenance.

73 Custodial Services. This subprogram consists of those activities related to custodial services in institutional buildings.

74 Utilities. This subprogram consists of those activities related to heating, cooling, light and power, gas, water, and any other utilities necessary for the operation of the physical plant.

75 Landscape and Ground Maintenance. This subprogram consists of those activities related to the operation and maintenance of campus landscape and grounds.

76 Major Repairs and Renovations. This subprogram consists of those activities related to major repairs, maintenance, and renovation projects. Major projects are generally defined as each institution wishes. Expenditures which approximate at least 25% of a building's estimated replacement cost should be considered major.

Student Service and Physical Plant Operations Subprograms

Table 14c

INSTITUTION	Stud. Svc. Admin.	Social/ Cultur. Devel.	Coun/ Career Guid.	Finan. Aid Admin.	Student Auxiliary Service	Inter-colleg. Athl.	Stud. Health/ Med. Svc.	Physical Plant Admin.	Build-ing Maint.	Custo-dial Svcs.	Util-ities	Landscp. Grounds Maint.
	51	52	53	54	55	56	57	71	72	73	74	75
Major Research Universities:												
NC State	0.1	2.9	0.2	0.1	28.3	3.5	0.3	0.4	0.9	<0.1	0.5	0.1
NC State Vet	-	0.1	-	-	3.2	-	-	-	0.2	0.2	-	-
UNC-Chapel Hill	0.1	2.3	0.2	0.1	29.0	7.4	0.7	0.4	0.8	0.2	0.5	0.2
UNC-Health Aff.	0.1	<0.1	<0.1	<0.1	0.4	-	-	-	-	0.3	-	-
SUBTOTAL	0.1	2.2	0.2	0.1	24.7	4.8	0.5	0.3	0.7	0.1	0.5	0.1
Other Doctoral Universities:												
UNC-Greensboro	0.3	4.2	0.4	0.1	38.0	-	0.9	0.8	0.4	-	0.1	-
Comprehensive Universities:												
Appalachian	0.3	8.6	0.3	0.1	38.1	1.3	0.8	1.7	0.8	<0.1	0.5	-
East Carolina	0.1	5.5	0.3	0.2	39.5	1.3	-	0.3	0.9	0.1	-	-
ECU-Health Aff.	-	-	-	-	-	-	2.6	<0.1	1.6	-	-	-
Fayetteville	0.2	6.1	0.3	0.3	31.2	1.1	0.7	-	1.8	-	-	0.6
NC A & T	0.2	4.4	0.7	0.2	29.4	1.2	0.4	0.3	0.9	<0.1	0.1	<0.1
NC Central	0.1	5.5	0.5	0.3	31.8	3.3	0.5	0.1	0.5	-	-	0.1
UNC-Charlotte	0.2	4.1	0.4	0.1	44.1	0.3	0.6	0.2	0.7	0.1	-	-
UNC-Wilmington	0.5	5.5	0.5	0.3	30.4	6.1	0.2	0.5	1.1	-	0.2	-
West'n Carolina	0.1	6.0	0.3	0.1	34.4	2.5	0.4	0.4	0.8	0.1	<0.1	-
SUBTOTAL	0.2	5.6	0.4	0.2	34.7	1.8	0.5	0.5	0.9	<0.1	0.1	<0.1
Gen. Baccalaureate Universities:												
Elizabeth City	0.3	5.6	0.3	0.5	34.9	1.9	1.0	0.8	0.6	-	-	-
Pembroke	0.1	9.6	0.7	0.2	30.6	0.3	0.7	0.5	0.9	<0.1	-	0.2
UNC-Asheville	0.2	3.7	0.5	0.2	33.1	1.7	0.4	0.3	0.4	0.2	0.2	0.4
Winston-Salem	0.6	5.7	0.3	0.7	30.8	2.0	0.5	0.2	1.3	-	0.2	-
SUBTOTAL	0.3	6.2	0.4	0.4	32.3	1.5	0.6	0.4	0.9	<0.1	0.1	0.1
Specialized Institution:												
NC Sch. of Arts	0.2	7.5	0.1	0.2	24.8	-	0.6	0.2	0.5	-	-	-
Teaching Hospital:												
N. C. Mem. Hosp.	-	-	-	-	-	-	-	-	<0.1	-	-	-
Community Colleges:												
SUBTOTAL	0.4	4.1	0.9	0.2	4.8	<0.1	<0.1	0.1	1.5	<0.1	<0.1	0.2
PRIVATE INSTITUTIONS												
Major Research Universities:												
SUBTOTAL	0.1	3.6	0.1	0.1	25.0	3.1	0.3	0.4	1.0	0.2	0.4	0.1
Gen. Baccalaureate Colleges:												
SUBTOTAL	0.2	8.2	0.2	0.2	38.8	2.0	0.5	0.3	1.5	0.1	<0.1	<0.1
Junior Colleges:												
SUBTOTAL	0.3	7.0	0.2	0.1	42.3	1.9	0.8	0.3	1.4	0.2	-	<0.1
GRAND TOTAL	0.2	4.9	0.3	0.1	27.4	2.2	0.4	0.3	1.1	0.1	0.2	0.1

Student Service and Physical Plant Operations Subprograms

Table 14c

INSTITUTION	Stud. Svc. Admin.	Social/ Cultur. Devel.	Coun/ Career Guid.	Finan. Aid Admin.	Student Auxiliary Service	Inter-colleg. Athl.	Stud. Health/ Med. Svc.	Physical Plant Admin.	Build-ing Maint.	Custo-dial Svcs.	Util-ities	Landscp Grounds Maint.
	51	52	53	54	55	56	57	71	72	73	74	75
Community Colleges:												
Alamance CC	0.4	0.2	0.2	0.4	5.8	-	-	0.5	2.0	-	-	-
Anson CC	0.4	5.5	-	0.2	4.8	-	-	-	5.2	-	-	-
Ashev'le-Bun. TCC	0.1	1.0	0.2	<0.1	2.6	-	-	0.3	0.7	0.1	-	0.3
Beaufort Co. CC	0.2	6.9	1.5	0.1	4.0	-	-	-	5.7	-	-	-
Bladen CC	0.8	16.0	0.5	-	1.4	-	-	-	4.4	-	-	-
Blue Ridge CC	0.1	1.6	0.5	0.1	7.9	-	-	-	4.9	-	-	1.5
Brunswick CC	0.4	0.2	0.1	0.1	1.7	-	-	-	0.4	-	-	-
Caldwell CC & TI	0.1	10.4	1.1	0.1	5.2	-	-	-	0.1	-	-	0.1
Cape Fear CC	1.0	3.3	1.5	0.2	5.0	-	-	-	-	-	-	-
Carteret CC	0.5	2.0	0.2	0.1	3.3	-	-	0.2	0.2	-	-	-
Catawba Vy. CC	0.1	3.4	1.6	0.1	2.5	-	-	-	-	-	-	-
C. Carolina CC	0.3	0.5	0.8	0.1	5.9	-	<0.1	3.3	-	-	-	-
C. Piedmont CC	0.6	2.7	1.9	0.3	4.7	-	-	0.1	-	0.1	-	<0.1
Cleveland CC	1.0	4.3	0.1	0.1	3.4	-	-	0.1	0.3	-	-	-
Coastal Car. CC	0.1	2.3	1.9	0.1	5.9	-	-	-	2.4	-	-	-
Col. Albemarle	1.4	6.3	0.5	0.3	1.8	-	-	-	1.7	-	-	-
Craven CC	0.2	0.1	1.1	0.2	3.8	-	-	-	-	-	-	-
Davidson Co. CC	0.2	2.2	1.0	0.1	4.8	-	0.1	0.1	3.7	-	-	-
Durham TCC	0.2	1.8	1.6	0.2	4.2	-	-	-	2.4	<0.1	-	0.7
Edgecombe CC	0.5	9.9	0.8	0.2	1.1	-	-	-	0.3	-	-	-
Fayettev'le TCC	0.9	7.0	1.4	0.1	5.5	-	0.1	-	1.9	0.4	-	-
Forsyth TCC	-	5.2	0.7	0.1	6.8	-	-	0.2	1.7	-	-	-
Gaston Col.	0.3	6.5	0.6	0.2	5.1	-	0.1	-	<0.1	-	-	-
Guilford TCC	0.2	4.4	0.8	0.1	4.3	-	<0.1	-	1.5	<0.1	-	-
Halifax CC	0.2	5.7	2.0	0.1	8.7	-	-	0.1	3.0	-	-	-
Haywood CC	0.1	1.8	-	<0.1	3.9	-	-	<0.1	0.7	<0.1	-	2.6
Isothermal CC	0.3	3.1	0.4	-	3.4	-	-	0.6	2.0	0.4	0.3	-
J. Sprunt CC	0.6	4.6	0.7	0.4	6.0	-	-	-	4.5	-	-	-
Johnston CC	0.6	1.4	0.5	0.1	6.9	-	-	-	4.3	<0.1	-	-
Lenoir CC	0.1	2.1	0.3	0.3	3.9	1.4	-	-	0.3	-	-	-
Martin CC	0.4	6.9	0.5	0.1	5.0	-	-	0.2	3.1	-	-	-
Mayland CC	0.1	0.2	0.4	0.1	6.5	-	-	-	0.1	-	-	-
McDowell TCC	0.6	-	0.8	0.2	3.6	-	0.2	-	0.5	-	-	2.5
Mitchell CC	0.4	8.4	1.2	0.3	6.0	-	-	-	0.7	-	-	-
Montgomery CC	0.2	3.7	0.6	0.2	4.6	-	-	-	2.4	-	-	-
Nash CC	0.7	0.5	1.1	0.1	3.4	-	-	-	1.3	0.1	-	-
Pamlico CC	1.1	-	1.1	-	7.0	-	-	-	4.0	-	-	-
Piedmont CC	1.2	0.3	0.1	-	5.8	-	-	-	3.5	-	-	-
Pitt CC	1.4	0.1	0.5	0.3	3.4	<0.1	-	-	0.9	0.3	-	-
Randolph CC	0.9	2.5	1.7	0.1	6.2	-	-	-	0.8	-	-	-
Richmond CC	0.2	4.0	0.9	0.1	3.9	-	0.1	-	1.5	-	-	-
Roanoke-Cho. CC	0.4	2.4	1.7	0.3	5.5	-	-	-	-	-	-	5.0
Robeson CC	0.5	8.2	1.3	0.3	5.6	-	-	-	1.1	-	-	-
Rockingham CC	0.2	6.7	0.3	0.1	3.6	-	-	0.1	0.6	-	-	0.2
Rowan-Cab. CC	0.5	-	0.1	0.1	8.8	-	-	-	4.4	-	-	-
Sampson CC	0.2	3.8	0.2	0.1	7.4	-	-	-	-	-	-	-
Sandhills CC	0.1	1.3	0.6	0.2	10.1	-	-	-	2.8	0.2	0.1	0.6
Southeastern CC	0.5	3.9	1.7	0.2	6.2	-	-	0.4	0.7	-	-	-
Southwestern CC	0.3	15.6	0.6	0.1	6.6	-	-	-	2.1	-	-	-
Stanly CC	0.1	5.1	1.2	0.1	1.3	-	-	0.1	-	-	-	-
Surry CC	0.1	3.1	1.7	0.1	7.8	-	-	0.1	2.4	-	-	-
Tri-County CC	1.0	2.4	0.2	0.1	2.8	-	-	-	-	-	-	-
Vance-Granv. CC	0.2	-	1.4	0.2	4.8	-	-	-	0.9	-	-	-
Wake TCC	0.3	2.0	1.7	<0.1	4.0	-	0.1	0.1	3.1	-	-	0.2
Wayne CC	1.5	2.4	1.3	0.1	3.8	-	0.4	-	0.3	-	-	-
W. Piedmont CC	1.0	5.1	0.7	0.1	6.1	-	0.1	0.2	3.3	-	-	1.3
Wilkes CC	0.1	21.8	0.7	0.1	3.1	-	-	0.1	0.5	0.1	-	-
Wilson Co. TC	0.4	2.0	0.7	0.1	3.3	-	0.3	0.1	2.5	-	-	-
TOTAL	0.4	4.1	0.9	0.2	4.8	<0.1	<0.1	0.1	1.5	<0.1	<0.1	0.2

TABLE 14d:
INSTITUTIONAL ADMINISTRATION, INDEPENDENT OPERATIONS, AND UNASSIGNED SUBPROGRAMS

Table 14d indicates the percentages of institutional square footage under the Institutional Administration, Independent Operations, and Unassigned Subprograms. The definitions of these subprograms follow.

61 Executive Management. This subprogram consists of those executive-level activities concerned with the overall management of and long-range planning for the entire institution. Included are the activities of the various administrators involved in policy formulation and executive direction, including those of the governing board, the chief executive officer, and the senior executive officers.

62 Financial Management and Operations. This subprogram consists of those activities related to the day-to-day financial management and fiscal operations of the institution.

63 General Administration and Logistical Services. This subprogram consists of those activities related to the general administrative operations and services of the institution with the exception of those activities related to financial operations, to administrative data processing, and to student records.

64 Administrative Computing Support. This subprogram includes those computer and data processing services that have been established to provide support for institution-wide administrative functions.

65 Faculty and Staff Auxiliary Services. This subprogram includes those support services that have been established primarily to serve the faculty and staff. A fee which is related to but not necessarily equal to the cost of the service rendered is often charged for these services.

66 Public Relations/Development. This subprogram consists of those institutional activities established to maintain relations with the local community, the institution's alumni, governmental entities, and the public in general, as well as those activities carried out to support institution-wide fund raising and development efforts.

67 Student Recruitment and Admissions. This subprgram consists of those activities carried out by an institution that are related to the identification of prospective students, the promotion of attendance at the institution, and the processing of applications for admission to the institution.

68 Student Records. This subprogram includes those activities the institution carries out to maintain, handle, and update records for currently enrolled students as well as for those who were previously enrolled.

91 Independent Operations/Institutional. This subprogram includes those operations that are owned or controlled by the institution but that are unrelated to or independent of the institution's mission. Excluded are those operations managed as investments of the institution's endowment funds.

92 Independent Operations/External Agencies. This subprogram includes those activities that are controlled or operated by outside agencies, but that are housed or otherwise supported in some way by the institution.

01 Capable of Use. This subprogram is limited to rooms that are not in use but are capable of use at the time of the inventory.

02 Incapable of Use. This subprogram is limited to rooms that are not in use at the time of the inventory because they are incapable of use. Included are rooms under alteration or renovation and rooms which have been declared structurally unsafe.

Subprogram 03 (Building Service) is not included in this table (and is not considered as part of Program 00 in Table 14) because it applies to nonassignable area only.

Institutional Administration, Independent Operations & Unassigned Subprograms

Table 14d

INSTITUTION	Exec. Mgmt.	Fin. Mgmt. & Opns.	Gen. Adm. Log. Svc.	Admin. Comput. Spt.	Fac/Staff Aux Svcs.	Public Rela/ Devel.	Stud. Recruit. Admiss.	Stud. Recd.	Indep. Opns Inst.	Indep. Opns Ext. Agency	Unassigned Usable	Unassigned Unusable
	61	62	63	64	65	66	67	68	91	92	01	02
Major Research Universities:												
NC State	0.2	0.7	2.0	0.3	0.2	0.2	0.1	0.1	0.3	0.3	<0.1	0.2
NC State Vet	-	-	1.2	-	-	0.1	-	-	-	-	-	-
UNC-Chapel Hill	0.4	0.7	3.2	0.3	0.6	0.4	0.1	0.2	2.7	1.7	0.3	1.5
UNC-Health Aff.	-	-	0.2	0.2	<0.1	0.1	0.1	<0.1	1.1	3.0	1.1	0.2
SUBTOTAL	0.2	0.6	2.3	0.3	0.4	0.3	0.1	0.1	1.5	1.2	0.3	0.8
Other Doctoral Universities:												
UNC-Greensboro	0.7	0.4	4.8	0.4	0.3	0.8	0.2	-	-	-	-	4.2
Comprehensive Universities:												
Appalachian	0.5	0.4	2.1	0.6	0.5	0.3	0.2	0.3	-	0.1	<0.1	0.1
East Carolina	0.4	0.2	2.3	0.9	0.3	0.6	0.1	0.2	-	0.2	<0.1	-
ECU-Health Aff.	-	-	-	-	-	-	-	-	-	-	-	-
Fayetteville	1.4	1.1	3.1	-	2.2	0.2	0.1	0.3	<0.1	0.3	5.6	-
NC A & T	1.2	1.0	1.1	0.1	0.9	0.3	0.1	0.1	-	0.6	0.6	1.0
NC Central	0.7	0.5	2.3	0.7	1.0	0.2	0.2	0.1	-	0.1	0.9	0.3
UNC-Charlotte	0.9	0.7	2.3	0.3	0.4	0.2	0.3	0.1	-	-	-	-
UNC-Wilmington	1.1	1.1	2.4	0.5	1.0	0.4	0.3	0.3	-	0.3	0.1	2.3
West'n Carolina	0.8	0.4	1.1	0.3	3.5	0.5	0.2	0.2	-	2.6	0.1	4.8
SUBTOTAL	0.7	0.6	1.9	0.5	1.1	0.3	0.2	0.2	<0.1	0.5	0.5	1.0
Gen. Baccalaureate Universities:												
Elizabeth City	1.4	0.8	2.6	0.4	3.6	0.5	0.2	0.3	-	0.2	0.9	-
Pembroke	0.8	0.5	3.2	0.8	2.0	0.6	0.4	0.3	-	-	-	-
UNC-Asheville	1.0	0.8	2.4	0.1	1.4	0.4	0.3	0.4	-	1.1	0.2	-
Winston-Salem	0.8	0.9	2.3	-	2.1	0.5	0.3	0.7	-	0.1	5.4	2.3
SUBTOTAL	1.0	0.7	2.6	0.3	2.3	0.5	0.3	0.4	-	0.3	1.9	0.7
Specialized Institution:												
NC Sch. of Arts	0.7	0.2	0.9	0.1	2.3	0.4	0.3	0.2	0.5	-	-	5.0
Teaching Hospital:												
N. C. Mem. Hosp.	-	-	<0.1	-	-	-	-	-	-	-	0.8	1.8
Community Colleges:												
SUBTOTAL	1.3	1.0	3.4	0.3	0.6	0.2	0.3	0.6	0.1	0.5	0.7	1.6
PRIVATE INSTITUTIONS												
Major Research Universities:												
SUBTOTAL	0.3	0.4	2.7	0.3	1.2	0.6	0.2	0.1	0.9	2.1	<0.1	0.2
Gen. Baccalaureate Colleges:												
SUBTOTAL	0.7	0.5	2.2	0.2	6.3	0.7	0.5	0.2	0.3	0.5	0.6	1.1
Junior Colleges:												
SUBTOTAL	0.6	0.5	2.3	<0.1	5.7	0.7	0.5	0.2	-	-	0.2	0.2
GRAND TOTAL	0.7	0.6	2.5	0.3	2.0	0.5	0.3	0.2	0.5	0.8	0.4	1.1

Institutional Administration, Independent Operations & Unassigned Subprograms

Table 14d

INSTITUTION	Exec. Mgmt.	Fin. Mgmt. & Opns.	Gen. Adm. Log. Svc.	Admin. Comput. Spt.	Fac/Staff Aux Svcs.	Public Rela/ Devel.	Stud. Recruit. Admiss.	Stud. Recd.	Indep. Opns Inst.	Indep. Opns Ext. Agency	Unassigned Usable	Unassigned Unusable
	61	62	63	64	65	66	67	68	91	92	01	02
Community Colleges:												
Alamance CC	1.7	0.8	2.3	-	1.0	0.2	0.2	0.5	-	-	-	-
Anson CC	2.3	1.4	3.4	0.2	-	-	-	-	-	-	2.2	-
Ashev'le-Bun. TCC	1.3	0.9	7.6	0.2	0.2	-	0.2	0.4	-	-	-	0.9
Beaufort Co. CC	1.9	0.9	4.7	0.2	0.4	0.4	0.4	0.9	-	-	-	
Bladen CC	2.2	0.8	3.0	0.3	0.1	-	-	0.2	-	0.9	4.7	0.2
Blue Ridge CC	0.7	1.5	0.7	-	0.7	0.1	-	0.3	-	0.1	-	6.7
Brunswick CC	0.9	0.7	4.2	-	0.5	0.2	0.5	-	-	-	2.4	3.6
Caldwell CC & TI	0.9	1.2	4.5	0.3	-	0.3	1.1	0.3	-	-	-	-
Cape Fear CC	1.2	2.4	4.2	0.4	-	0.2	-	0.8	-	0.3	-	-
Carteret CC	1.2	0.6	15.2	0.3	0.3	-	-	0.2	-	14.1	-	7.2
Catawba Vy. CC	0.5	0.9	6.8	0.2	0.5	0.1	-	0.7	-	-	-	3.2
C. Carolina CC	1.5	1.1	0.7	-	0.2	-	-	1.0	-	-	-	-
C. Piedmont CC	0.6	1.0	2.3	0.5	1.5	0.7	0.4	1.6	-	-	<0.1	1.5
Cleveland CC	2.1	0.8	3.7	-	0.5	0.5	0.1	0.3	-	-	0.9	-
Coastal Car. CC	1.1	1.0	1.7	0.1	0.6	0.1	0.1	0.5	-	-	-	-
Col. Albemarle	1.4	1.1	2.3	0.3	0.1	0.2	0.2	0.3	-	-	-	-
Craven CC	1.2	1.4	1.6	-	0.3	0.5	-	0.4	-	-	-	-
Davidson Co. CC	1.4	0.6	1.1	0.3	1.5	0.3	0.2	0.5	-	-	-	-
Durham TCC	1.6	1.4	2.9	1.9	1.2	0.4	1.1	0.5	-	1.7	0.1	-
Edgecombe CC	2.2	0.8	2.1	-	0.3	-	0.6	0.6	-	-	-	-
Fayettev'le TCC	1.2	1.3	2.1	0.4	0.4	0.3	0.8	0.7	-	-	-	5.2
Forsyth TCC	1.7	0.6	1.4	0.1	0.3	0.1	0.8	0.5	-	0.1	1.0	-
Gaston Col.	1.5	0.6	3.9	-	0.2	0.1	0.3	0.2	-	-	2.7	-
Guilford TCC	1.5	0.7	2.8	0.3	0.5	0.2	0.3	0.5	0.6	-	<0.1	-
Halifax CC	0.3	0.4	3.1	0.4	0.6	-	0.2	0.2	-	0.1	-	-
Haywood CC	0.7	0.4	1.1	0.1	0.2	-	0.2	0.1	0.5	8.0	-	-
Isothermal CC	1.8	1.1	2.7	0.1	0.1	0.2	0.2	0.7	-	-	-	-
J. Sprunt CC	2.0	1.9	1.9	-	-	-	-	1.3	-	-	-	-
Johnston CC	0.9	1.0	2.3	0.2	0.3	-	0.1	0.3	-	-	-	-
Lenoir CC	0.7	1.5	4.8	0.2	0.5	-	0.4	0.5	-	-	-	-
Martin CC	0.9	0.9	1.8	1.3	0.3	-	-	0.4	-	0.5	-	-
Mayland CC	2.2	1.7	2.6	0.2	-	-	-	0.3	-	7.4	-	16.0
McDowell TCC	1.3	1.9	2.8	0.3	0.1	0.2	-	0.1	-	-	-	-
Mitchell CC	0.6	0.8	3.0	-	0.9	1.0	0.2	0.8	-	0.1	9.9	-
Montgomery CC	2.5	1.7	3.0	-	-	-	0.2	0.5	-	-	-	-
Nash CC	1.4	0.7	1.5	0.5	0.9	0.2	0.5	0.2	-	-	-	-
Pamlico CC	2.7	3.0	3.1	0.2	-	-	-	0.3	-	-	-	-
Piedmont CC	3.4	1.8	6.2	0.2	2.4	0.4	0.1	0.6	-	1.2	-	-
Pitt CC	0.5	1.1	2.5	0.7	0.7	0.2	0.1	0.7	-	-	0.1	-
Randolph CC	1.3	1.1	4.8	0.2	0.8	0.2	-	0.9	-	-	-	-
Richmond CC	2.8	2.0	5.0	0.1	0.2	0.5	-	0.5	-	-	-	4.7
Roanoke-Cho. CC	1.7	1.1	2.2	0.4	0.1	0.3	0.2	0.3	-	-	10.9	0.5
Robeson CC	1.1	0.6	5.2	0.5	0.9	0.2	1.2	0.5	-	-	4.3	-
Rockingham CC	1.0	0.9	3.8	0.8	0.9	0.3	0.4	0.4	-	-	0.5	1.9
Rowan-Cab. CC	0.7	1.6	1.9	-	0.1	-	0.8	0.2	-	-	-	-
Sampson CC	2.0	1.1	3.8	0.3	-	-	0.1	0.9	-	-	0.4	5.8
Sandhills CC	1.5	0.2	2.6	0.5	3.4	0.1	0.2	0.3	-	-	-	-
Southeastern CC	0.9	1.5	4.2	0.2	-	0.4	0.4	0.6	-	-	0.4	-
Southwestern CC	0.9	1.2	4.8	-	-	0.2	0.3	1.5	-	-	0.1	1.1
Stanly CC	3.3	1.3	1.0	0.2	-	0.6	0.5	0.8	-	-	2.2	11.1
Surry CC	0.5	1.0	1.8	0.4	0.6	0.1	0.1	0.1	-	-	-	2.3
Tri-County CC	1.1	0.8	3.9	0.1	0.1	-	-	0.4	-	-	-	-
Vance-Granv. CC	1.3	1.1	6.1	-	0.2	0.9	1.9	0.5	-	-	-	-
Wake TCC	1.8	0.6	4.8	0.3	1.1	0.2	0.3	0.7	-	-	0.7	16.8
Wayne CC	1.3	1.4	1.8	0.4	-	0.2	-	1.1	-	-	-	0.8
W. Piedmont CC	1.3	0.9	2.3	0.7	-	0.3	0.1	0.6	-	-	-	-
Wilkes CC	1.7	1.1	5.9	0.2	0.1	0.1	0.4	0.1	4.2	-	-	-
Wilson Co. TC	2.3	1.8	2.6	-	0.4	0.2	<0.1	1.1	-	-	-	-
TOTAL	1.3	1.0	3.4	0.3	0.6	0.2	0.3	0.6	0.1	0.5	0.7	1.6

TABLE 15:
ASSIGNABLE AREA BY ROOM CODES

Just as all assignable space can be categorized by program (Table 14), it can also be classified by type of room. A system of codes has been developed which includes virtually all types of rooms which can be found at a college or university. The room code system is summarized on page 118; specific definitions can be found in the Higher Education Facilities Commission's Facilities Inventory and Utilization Manual (fourth edition).

Table 15 provides percentage distributions among the ten major room code divisions. In theory, the sum of the percentages should always equal to 100.0, but they do not for some institutions because of rounding.

The data from the 1974 HEGIS facilities survey, conducted by the National Center for Education Statistics, serve as the basis for norms. The following chart reports these norms and summarizes the corresponding data from Table 15. These norms are not applicable to the public two-year institutions because they have almost no residential space. For these schools, the subtotal for "Community Colleges" in Table 15 may serve as a norm.

Room Code	Norm	All N. C. Institutions 1988
Classroom (Series 100)	8.0	7.8
Laboratory (Series 200)	14.5	15.3
Office (Series 300)	13.0	16.1
Study (Series 400)	6.8	7.5
Special Use (Series 500)	8.9	8.9
General Use (Series 600)	12.0	12.4
Supporting (Series 700)	6.5	4.5
Health Care (Series 800)	1.4	2.7
Residential (Series 900)	26.7	23.3
Unclassified (Series 000)	2.2	1.4

ROOM CODES

100 Classroom Facilities
110 Classroom
115 Classroom Service

200 Laboratory Facilities
210 Class Laboratory
215 Class Laboratory Service
220 Special Class Laboratory
225 Special Class Laboratory Service
230 Individual Study Laboratory
235 Individual Study Laboratory Service
250 Nonclass Laboratory
255 Nonclass Laboratory Service

300 Office Facilities
310 Office
315 Office Service
350 Conference Room (Office Related)
355 Conference Room Service (Office Related)

400 Study Facilities
410 Reading/Study Room
420 Stack
430 Open Stack Reading Room
440 Processing Room
455 Study Service

500 Special Use Facilities
510 Armory
515 Armory Service
520 Athletic/Physical Education
523 Athletic Facilities Spectator Seating
525 Athletic/Physical Education Service
530 Audiovisual, Radio, TV
535 Audiovisual, Radio, TV Service
540 Clinic (Nonhealth Professions)
550 Demonstration
555 Demonstration Service
560 Field Building
570 Animal Quarters
575 Animal Quarters Service
580 Greenhouse
585 Greenhouse Service
590 Other

600 General Use Facilities
610 Assembly
615 Assembly Service
620 Exhibition
625 Exhibition Service
630 Food Facilities
635 Food Facilities Service
650 Lounge
655 Lounge Service
660 Merchandising Facilities
665 Merchandising Facilities Service
670 Recreation
675 Recreation Service
680 Meeting Room
685 Meeting Room Service
690 Locker Room

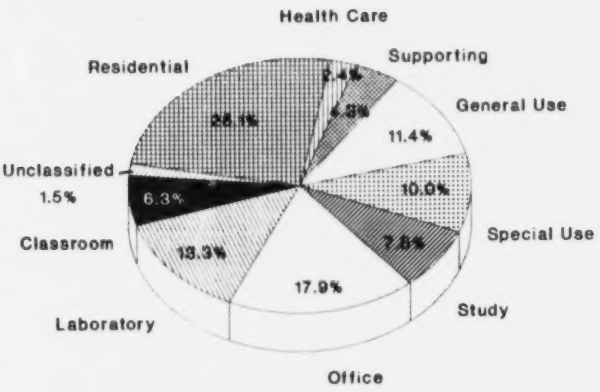
700 Supporting Facilities
710 Data Processing/Computer
715 Data Processing/Computer Service
720 Shop
725 Shop Service
730 Storage
735 Storage Service
740 Vehicle Storage Facility
745 Vehicle Storage Facility Service
750 Central Food Store
760 Central Laundry

800 Health Care Facilities
810 Patient Bedroom
820 Patient Bath
830 Nurse Station
840 Surgery
850 Treatment
860 Service Laboratory
870 Supplies
880 Public Waiting
895 Health Care Service

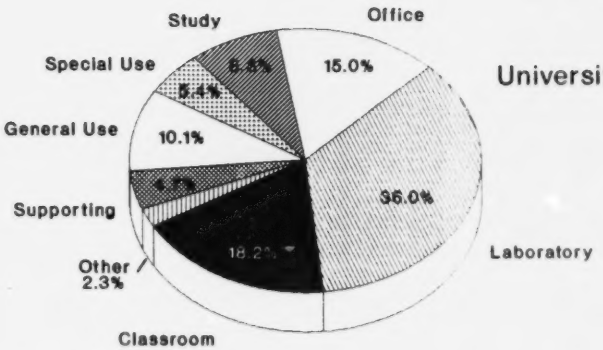
900 Residential Facilities
910 Sleep/Study without Toilet/Bath
919 Toilet/Bath
920 Sleep/Study with Toilet/Bath
935 Sleep/Study Service
950 Apartment
955 Apartment Service
970 House

000 Unclassified Facilities
050 Inactive Area
060 Alteration Area
070 Unfinished Area

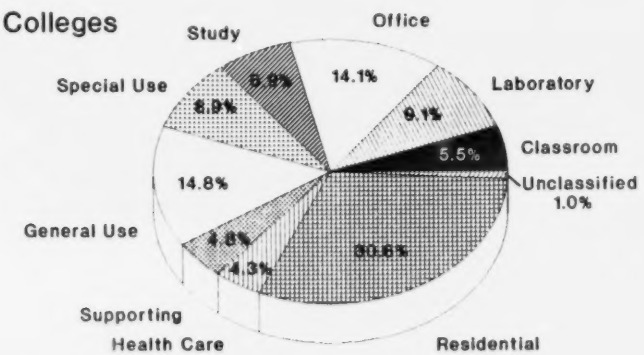
PERCENTAGE DISTRIBUTION OF ASSIGNABLE AREA BY ROOM CODES



University of North Carolina Campuses
and N.C. Memorial Hospital



Community Colleges



Private Institutions

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Assignable Area by Room Codes

Table 15

INSTITUTION	Total Assignable Area	Classroom Facilities (100)		Laboratory Facilities (200)		Office Facilities (300)		Study Facilities (400)	
		ASF	%	ASF	%	ASF	%	ASF	%
Major Research Universities:									
NC State	4,128,670	204,121	4.9	855,205	20.7	816,224	19.8	170,275	4.1
NC State Vet	222,776	7,724	3.5	49,072	22.0	31,347	14.1	13,269	6.0
UNC-Chapel Hill	4,542,315	226,457	5.0	359,576	7.9	769,413	16.9	621,521	13.7
UNC-Health Aff.	1,226,983	55,040	4.5	432,173	35.2	450,441	36.7	63,991	5.2
SUBTOTAL	10,120,744	493,342	4.9	1,696,026	16.8	2,067,425	20.4	869,056	8.6
Other Doctoral Universities:									
UNC-Greensboro	1,712,196	113,891	6.7	162,671	9.5	292,368	17.1	146,142	8.5
Comprehensive Universities:									
Appalachian	1,891,744	131,946	7.0	153,744	8.1	279,012	14.7	108,735	5.7
East Carolina	2,019,414	173,326	8.6	281,619	13.9	310,038	15.4	121,556	6.0
ECU-Health Aff.	387,140	30,381	7.8	119,392	30.8	102,939	26.6	39,243	10.1
Fayetteville	556,573	38,559	6.9	55,215	9.9	79,026	14.2	78,755	14.1
NC A & T	1,427,148	129,327	9.1	222,974	15.6	246,117	17.2	56,590	4.0
NC Central	1,013,315	105,870	10.4	86,391	8.5	167,600	16.5	109,460	10.8
UNC-Charlotte	1,476,259	89,334	6.1	215,630	14.6	234,442	15.9	104,189	7.1
UNC-Wilmington	847,915	59,918	7.1	71,098	8.4	150,319	17.7	114,678	13.5
West'n Carolina	1,528,712	84,588	5.5	120,404	7.9	185,503	12.1	117,192	7.7
SUBTOTAL	11,148,220	843,249	7.6	1,326,467	11.9	1,754,996	15.7	850,398	7.6
Gen. Baccalaureate Universities:									
Elizabeth City	518,902	32,229	6.2	46,796	9.0	72,442	14.0	36,639	7.1
Pembroke	462,588	48,741	10.5	34,878	7.5	68,535	14.8	29,474	6.4
UNC-Asheville	421,790	30,504	7.2	61,254	14.5	67,489	16.0	37,288	8.8
Winston-Salem	579,028	61,773	10.7	44,560	7.7	90,355	15.6	32,247	5.6
SUBTOTAL	1,982,308	173,247	8.7	187,488	9.5	298,821	15.1	135,648	6.8
Specialized Institution:									
NC Sch. of Arts	412,689	15,429	3.7	108,202	26.2	45,332	11.0	18,631	4.5
Teaching Hospital:									
N. C. Mem. Hosp.	706,277	288	<0.1	-	-	203,865	28.9	5,260	0.7
Community Colleges:									
SUBTOTAL	8,151,237	1,482,072	18.2	2,930,860	36.0	1,226,435	15.0	676,324	8.3
PRIVATE INSTITUTIONS									
Major Research Universities:									
SUBTOTAL	7,278,731	242,528	3.3	907,012	12.5	1,519,636	20.9	565,470	7.8
Gen. Baccalaureate Colleges:									
SUBTOTAL	10,665,470	717,667	6.7	733,690	6.9	1,075,991	10.1	692,402	6.5
Junior Colleges:									
SUBTOTAL	1,277,604	99,218	7.8	100,083	7.8	107,004	8.4	76,397	6.0
GRAND TOTAL	53,455,476	4,180,871	7.8	8,152,499	15.3	8,591,873	16.1	4,035,728	7.5

Assignable Area by Room Codes

Table 15

Special Use Facilities (500)		General Use Facilities (600)		Supporting Facilities (700)		Health Care Facilities (800)		Residential Facilities (900)		Unclassified Facilities (000)		INSTITUTION
ASF	%	ASF	%	ASF	%	ASF	%	ASF	%	ASF	%	
												Major Research Universities:
513,134	12.4	365,379	8.8	208,025	5.0	11,351	0.3	974,765	23.6	10,191	0.2	NC State
50,536	22.7	11,080	5.0	6,905	3.1	52,843	23.7	-	-	-	-	NC State Vet
524,184	11.5	512,946	11.3	267,865	5.9	19,416	0.4	1,157,788	25.5	83,149	1.8	UNC-Chapel Hill
66,885	5.5	45,803	3.7	31,860	2.6	64,454	5.3	430	<0.1	15,906	1.3	UNC-Health Aff.
1,154,739	11.4	935,208	9.2	514,655	5.1	148,064	1.5	2,132,983	21.1	109,246	1.1	SUBTOTAL
												Other Doctoral Universities:
57,251	3.3	271,054	15.8	95,481	5.6	10,003	0.6	491,986	28.7	71,349	4.2	UNC-Greensboro
												Comprehensive Universities:
199,334	10.5	302,254	16.0	97,747	5.2	11,973	0.6	605,188	32.0	1,811	0.1	Appalachian
148,887	7.3	190,162	9.4	69,144	3.4	-	-	725,682	35.9	-	-	East Carolina
31,000	8.0	9,498	2.5	15,994	4.1	38,693	10.0	-	-	-	-	ECU-Health Aff.
46,571	8.4	72,871	13.1	27,140	4.9	3,891	0.7	145,582	26.2	8,963	1.6	Fayetteville
198,528	13.9	162,934	11.4	32,105	2.2	6,016	0.4	350,851	24.6	21,706	1.5	NC A & T
135,295	13.4	107,575	10.6	33,068	3.3	4,727	0.5	255,730	25.2	7,599	0.7	NC Central
98,366	6.7	192,010	13.0	35,298	2.4	6,779	0.5	500,211	33.9	-	-	UNC-Charlotte
103,219	12.2	88,839	10.5	24,442	2.9	1,219	0.1	214,301	25.3	19,882	2.3	UNC-Wilmington
193,737	12.7	211,763	13.9	42,508	2.8	4,279	0.3	495,106	32.4	73,632	4.8	West'n Carolina
1,153,937	10.4	1,337,906	12.0	377,446	3.4	77,577	0.7	3,292,651	29.5	133,593	1.2	SUBTOTAL
												Gen. Baccalaureate Universities:
68,216	13.1	84,739	16.3	14,543	2.8	4,862	0.9	158,237	30.5	199	<0.1	Elizabeth City
63,478	13.7	85,040	18.4	19,357	4.2	2,820	0.6	110,265	23.8	-	-	Pembroke
34,629	8.2	56,199	13.3	18,248	4.3	1,126	0.3	114,401	27.1	652	0.2	UNC-Asheville
64,747	11.2	90,048	15.6	18,467	3.2	2,500	0.4	138,259	23.9	36,072	6.2	Winston-Salem
231,070	11.7	316,026	15.9	70,615	3.6	11,308	0.6	521,162	26.3	36,923	1.9	SUBTOTAL
												Specialized Institution:
10,190	2.5	77,016	18.7	23,063	5.6	1,814	0.4	92,288	22.4	20,724	5.0	NC Sch. of Arts
												Teaching Hospital:
1,692	0.2	45,486	6.4	46,842	6.6	386,717	54.8	3,311	0.5	12,876	1.8	N. C. Mem. Hosp.
												Community Colleges:
438,123	5.4	820,508	10.1	381,329	4.7	1,952	<0.1	9,527	0.1	184,107	2.3	SUBTOTAL
						PRIVATE INSTITUTIONS						
												Major Research Universities:
451,101	6.2	771,819	10.6	467,177	6.4	761,190	10.5	1,580,307	21.7	12,491	0.2	SUBTOTAL
												Gen. Baccalaureate Colleges:
1,126,416	10.6	1,965,197	17.5	401,755	3.8	47,137	0.4	3,839,979	36.0	165,236	1.5	SUBTOTAL
												Junior Colleges:
133,963	10.5	211,374	16.5	45,223	3.5	8,818	0.7	490,426	38.4	5,098	0.4	SUBTOTAL
4,758,482	8.9	6,651,594	12.4	2,423,586	4.5	1,454,580	2.7	12,454,620	23.3	751,643	1.4	GRAND TOTAL

Assignable Area by Room Codes

Table 15

INSTITUTION	Total Assignable Area	Classroom Facilities (100)		Laboratory Facilities (200)		Office Facilities (300)		Study Facilities (400)	
		ASF	%	ASF	%	ASF	%	ASF	%
Community Colleges:									
Alamance CC	105,791	18,962	17.9	46,612	44.1	14,584	13.8	8,040	7.6
Anson CC	50,672	6,287	12.4	19,038	37.6	8,916	17.6	6,624	13.1
Ashev'le-Bun. TCC	237,865	66,288	27.9	82,904	34.9	35,517	14.9	9,200	3.9
Beaufort Co. CC	100,203	16,878	16.8	36,030	36.0	16,020	16.0	8,925	8.9
Bladen CC	78,917	8,062	10.2	32,772	41.5	8,223	10.4	5,240	6.6
Blue Ridge CC	123,111	17,079	13.9	48,274	39.2	12,376	10.1	10,734	8.7
Brunswick CC	83,188	19,478	23.4	33,935	40.8	10,627	12.8	9,406	11.3
Caldwell CC & TI	128,520	20,538	16.0	43,959	34.2	19,168	14.9	12,941	10.1
Cape Fear CC	136,896	17,003	12.4	60,174	44.0	27,816	20.3	12,442	9.1
Carteret CC	118,035	12,490	10.6	38,246	32.4	10,109	8.6	6,361	5.4
Catawba Vy. CC	203,479	47,031	23.1	76,573	37.6	27,355	13.4	14,981	7.4
C. Carolina CC	121,715	21,242	17.5	57,908	47.6	18,317	15.0	8,533	7.0
C. Piedmont CC	486,514	87,465	18.0	165,331	34.0	85,019	17.5	57,192	11.8
Cleveland CC	111,930	20,836	18.6	44,221	39.5	17,743	15.9	13,183	11.8
Coastal Car. CC	155,551	27,558	17.7	64,798	41.7	23,236	14.9	15,293	9.8
Col. Albemarle	94,999	13,672	14.4	40,024	42.1	15,899	16.7	11,415	12.0
Craven CC	91,657	18,807	20.5	39,027	42.6	12,464	13.6	14,418	15.7
Davidson Co. CC	146,941	28,648	19.5	42,510	28.9	22,653	15.4	16,094	11.0
Durham TCC	162,162	31,027	19.1	59,872	36.9	29,853	18.4	13,147	8.1
Edgecombe CC	93,163	21,352	22.9	30,233	32.5	16,200	17.4	10,849	11.6
Fayettev'le TCC	290,858	56,196	19.3	80,659	27.7	56,901	19.6	10,885	3.7
Forsyth TCC	284,443	61,049	21.5	100,325	35.3	41,764	14.7	20,172	7.1
Gaston Col.	192 544	38,829	20.2	74,398	38.6	30,471	15.8	9,772	5.1
Guilford TCC	411,743	78,247	19.0	162,988	39.6	62,087	15.1	30,449	7.4
Halifax CC	88,049	16,231	18.4	29,316	33.3	14,169	16.1	11,003	12.5
Haywood CC	183,400	13,984	7.6	99,069	54.0	18,187	9.9	7,038	3.8
Isothermal CC	164,330	28,254	17.2	56,892	34.6	19,130	11.6	10,963	6.7
J. Sprunt CC	85,316	13,733	16.1	34,703	40.7	18,897	22.1	4,336	5.1
Johnston CC	105,704	17,920	17.0	45,619	43.2	12,531	11.9	4,880	4.6
Lenoir CC	160,033	28,518	17.8	48,668	30.4	21,862	13.7	22,895	14.3
Martin CC	110,951	19,428	17.5	41,278	37.2	12,534	11.3	13,448	12.1
Mayland CC	71,017	7,238	10.2	16,358	23.0	9,457	13.3	6,997	9.9
McDowell TCC	69,553	16,848	24.2	30,264	43.5	10,059	14.5	4,962	7.1
Mitchell CC	181,016	34,248	18.9	46,129	25.5	20,976	11.6	14,350	7.9
Montgomery CC	47,807	6,280	13.1	23,859	49.9	6,689	14.0	2,909	6.1
Nash CC	127,992	36,750	28.7	55,447	43.3	21,354	16.7	4,491	3.5
Pamlico CC	28,725	4,363	15.2	11,183	38.9	4,488	15.6	3,916	13.6
Piedmont CC	98,408	13,617	13.8	27,996	28.4	14,880	15.1	7,377	7.5
Pitt CC	132,619	23,600	17.8	47,230	35.6	23,439	17.7	19,711	14.9
Randolph CC	142,052	25,552	18.0	57,475	40.5	22,191	15.6	12,034	8.5
Richmond CC	109,208	16,075	14.7	39,421	36.1	18,046	16.5	11,452	10.5
Roanoke-Cho. CC	83,752	16,439	19.6	27,986	33.4	11,916	14.2	7,512	9.0
Robeson CC	168,050	32,092	19.1	56,641	33.7	25,191	15.0	11,236	6.7
Rockingham CC	194,567	35,574	18.3	56,114	28.8	23,572	12.1	14,550	7.5
Rowan-Cab. CC	146,324	31,240	21.3	51,002	34.9	21,357	14.6	15,201	10.4
Sampson CC	87,739	13,042	14.9	28,775	32.8	15,094	17.2	11,144	12.7
Sandhills CC	156,515	26,220	16.8	52,013	33.2	25,456	16.3	11,012	7.0
Southeastern CC	119,965	22,250	18.5	36,210	30.2	20,318	16.9	13,095	10.9
Southwestern CC	138,071	25,059	18.1	39,132	28.3	23,156	16.8	9,688	7.0
Stanly CC	73,833	16,333	22.1	23,557	31.9	12,324	16.7	5,223	7.1
Surry CC	133,845	22,741	17.0	40,939	30.6	17,166	12.8	11,101	8.3
Tri-County CC	73,119	16,170	22.1	37,770	51.7	7,096	9.7	6,222	8.5
Vance-Granv. CC	105,977	21,808	20.6	42,214	39.8	17,426	16.4	9,715	9.2
Wake TCC	252,743	48,720	19.3	67,618	26.8	37,093	14.7	14,115	5.6
Wayne CC	132,909	27,159	20.4	59,609	44.8	22,544	17.0	6,838	5.1
W. Piedmont CC	103,760	14,022	13.5	36,440	35.1	17,220	16.6	10,442	10.1
Wilkes CC	149,518	23,102	15.5	32,593	21.8	17,404	11.6	9,588	6.4
Wilson Co. TC	113,973	12,438	10.9	50,529	44.3	19,895	17.5	10,584	9.3
TOTAL	8,151,237	1,482,072	18.2	2,930,860	36.0	1,226,435	15.0	676,324	8.3

Assignable Area by Room Codes

Table 15

Special Use Facilities (500)		General Use Facilities (600)		Supporting Facilities (700)		Health Care Facilities (800)		Residential Facilities (900)		Unclassified Facilities (000)		INSTITUTION
ASF	%	ASF	%	ASF	%	ASF	%	ASF	%	ASF	%	
												Community Colleges:
4,101	3.9	8,746	8.3	4,119	3.9	-	-	627	0.6	-	-	Alamance CC
240	0.5	4,416	8.7	4,029	8.0	-	-	-	-	1,122	2.2	Anson CC
14,651	6.2	8,885	3.7	18,268	7.7	-	-	-	-	2,152	0.9	Asheville-Bun. TCC
1,072	1.1	11,880	11.9	9,398	9.4	-	-	-	-	-	-	Beaufort Co. CC
349	0.4	14,649	18.6	5,747	7.3	-	-	-	-	3,875	4.9	Bladen CC
6,002	4.9	12,064	9.8	8,326	6.8	-	-	-	-	8,256	6.7	Blue Ridge CC
-	-	2,321	2.8	3.168	3.8	-	-	-	-	4,253	5.1	Brunswick CC
15,755	12.3	11,259	8.8	4,900	3.8	-	-	-	-	-	-	Caldwell CC & TI
3,283	2.4	12,943	9.5	2,978	2.2	-	-	257	0.2	-	-	Cape Fear CC
1,275	1.1	22,682	19.2	18,392	15.6	-	-	-	-	8,480	7.2	Carteret CC
5,255	2.6	14,382	7.1	11,454	5.6	-	-	-	-	6,448	3.2	Catawba Vy. CC
3,474	2.9	7,815	6.4	4,391	3.6	35	<0.1	-	-	-	-	C. Carolina CC
29,900	6.1	44,748	9.2	6,965	1.4	-	-	2,737	0.6	7,157	1.5	C. Piedmont CC
2,392	2.1	9,043	8.1	4,280	3.8	-	-	-	-	232	0.2	Cleveland CC
3,720	2.4	15,006	9.6	5,940	3.8	-	-	-	-	-	-	Coastal Car. CC
726	0.8	9,653	10.2	3,610	3.8	-	-	-	-	-	-	Col. Albemarle
1,797	2.0	4,250	4.6	894	1.0	-	-	-	-	-	-	Craven CC
17,932	12.2	12,320	8.4	6,668	4.5	116	0.1	-	-	-	-	Davidson Co. CC
2,441	1.5	16,234	10.0	9,396	5.8	-	-	-	-	192	0.1	Durham TCC
2,002	2.1	11,096	11.9	1,431	1.5	-	-	-	-	-	-	Edgecombe CC
15,332	5.3	36,530	12.6	18,929	6.5	378	0.1	-	-	15,048	5.2	Fayettev'le TCC
17,655	6.2	34,206	12.0	6,661	2.3	-	-	-	-	2,611	0.9	Forsyth TCC
6,079	3.2	23,494	12.2	4,492	2.3	279	0.1	-	-	4,730	2.5	Gaston Col.
18,739	4.6	43,604	10.6	15.045	3.7	84	<0.1	-	-	-	-	Guilford TCC
1,069	1.2	12,989	14.8	3,272	3.7	-	-	-	-	-	-	Halifax CC
28,132	15.3	11,326	6.2	5,431	3.0	-	-	233	0.1	-	-	Haywood CC
29,363	17.9	10,618	6.5	9,110	5.5	-	-	-	-	-	-	Isothermal CC
303	0.4	9,260	10.9	4,084	4.8	-	-	-	-	-	-	J. Sprunt CC
10,312	9.8	8,856	8.4	5,586	5.3	-	-	-	-	-	-	Johnston CC
21,524	13.4	9,894	6.2	6,547	4.1	-	-	125	0.1	-	-	Lenoir CC
5,808	5.2	11,890	10.7	6,565	5.9	-	-	-	-	-	-	Martin CC
10,563	14.9	8,241	11.6	787	1.1	-	-	-	-	11,376	16.0	Mayland CC
1,127	1.6	3,784	5.4	2,399	3.4	110	0.2	-	-	-	-	McDowell TCC
12,654	7.0	28,281	15.6	6,606	3.6	-	-	-	-	17,772	9.8	Mitchell CC
1,538	3.2	4,096	8.6	2,436	5.1	-	-	-	-	-	-	Montgomery CC
-	-	6,418	5.0	3,532	2.8	-	-	-	-	-	-	Nash CC
465	1.6	2,114	7.4	2,196	7.6	-	-	-	-	-	-	Pamlico CC
12,031	12.2	13,608	13.8	8,899	9.0	-	-	-	-	-	-	Piedmont CC
7,661	5.8	6,818	5.1	3,979	3.0	-	-	-	-	181	0.1	Pitt CC
4,769	3.4	12,650	8.9	7,381	5.2	-	-	-	-	-	-	Randolph CC
1,445	1.3	11,278	10.3	6,282	5.8	100	0.1	-	-	5,109	4.7	Richmond CC
-	-	6,694	8.0	5,601	6.7		-	-	-	7,604	9.1	Roanoke-Cho. CC
2,206	1.3	26,653	15.9	6,811	4.1	-	-	-	-	7,220	4.3	Robeson CC
27,251	14.0	23,450	12.1	9,600	4.9	-	-	-	-	4,456	2.3	Rockingham CC
3,597	2.5	16,413	11.2	7,514	5.1	-	-	-	-	-	-	Rowan-Cab. CC
1,140	1.3	10,026	11.4	3,078	3.5	-	-	-	-	5,440	6.2	Sampson CC
10,823	6.9	16,968	10.8	8,475	5.4	-	-	5,548	3.5	-	-	Sandhills CC
10,138	8.5	11,872	9.9	5,592	4.7	-	-	-	-	490	0.4	Southeastern CC
2,303	1.7	30,078	21.8	7,095	5.1	-	-	-	-	1,560	1.1	Southwestern CC
1,444	2.0	5,157	7.0	-	-	-	-	-	-	9,795	13.3	Stanly CC
17,796	13.3	15,343	11.5	5,696	4.3	-	-	-	-	3,063	2.3	Surry CC
-	-	3,870	5.3	1,991	2.7	-	-	-	-	-	-	Tri-County CC
2,764	2.6	6,939	6.5	5.111	4.8	-	-	-	-	-	-	Vance-Granv. CC
2,939	1.2	19,278	7.6	18,267	7.2	328	0.1	-	-	44,385	17.6	Wake TCC
2,357	1.8	10,337	7.8	2,794	2.1	171	0.1	-	-	1,100	0.8	Wayne CC
5,928	5.7	12,312	11.9	7,342	7.1	54	0.1	-	-	-	-	W. Piedmont CC
21,679	14.5	33,733	22.6	11,419	7.6	-	-	-	-	-	-	Wilkes CC
2,822	2.5	7,038	6.2	10,370	9.1	297	0.3	-	-	-	-	Wilson Co. TC
438,123	5.4	820,508	10.1	381,329	4.7	1,952	<0.1	9,527	0.1	184,107	2.3	TOTAL

TABLE 16:

ASSIGNABLE SQUARE FEET PER STUDENT STATION FOR CLASSROOMS

The number of students that a classroom can accommodate is an important factor in determining how efficiently classroom space is used. This can be measured in terms of assignable square feet per student station and the average number of stations per classroom.

The assignable square feet per student station in a classroom is largely determined by the number and type of stations in the room. Generally, rooms with relatively large numbers of stations require less space per station. As for types of stations, tables and chairs require more space per station than standard student desks, which require more space than theater seating. Although the space required per station can vary from less than 10 assignable square feet to more than 30, a frequently cited norm is 16 square feet per station.

The Higher Education Facilities Planning and Management Manuals (page 62 of Manual Two) list norms which are based on the number and type of station:

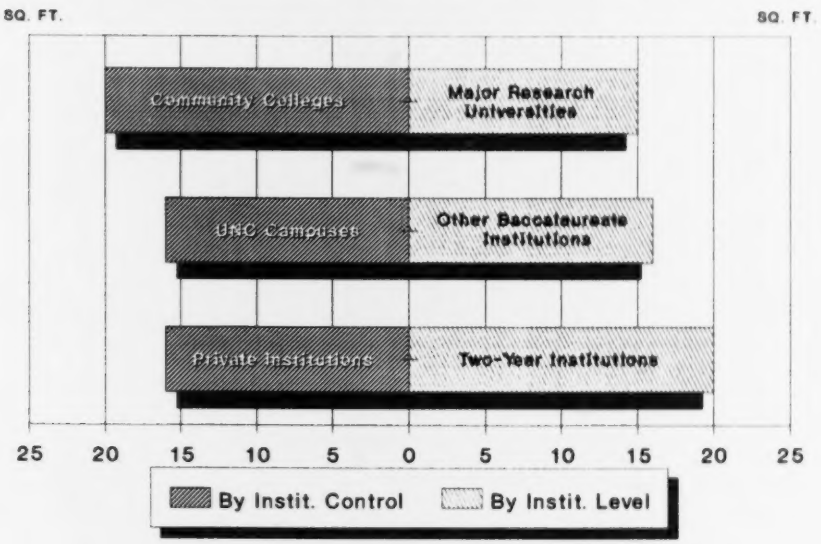
Assignable Square Feet Per Station Criteria

Number of Stations	ASF for Tables and Chairs	ASF for Armchair Desks Small	ASF for Armchair Desks Large
10 - 19	20 - 30	18	22
20 - 29	20 - 30	16	20
30 - 39	20 - 25	15	18
40 - 59	18 - 22	14	16
60 - 99	18 - 22	13	15
100 - 149	16 - 20	11	14
150 - 299	16 - 20	10	14
300 +	16 - 18	9	12

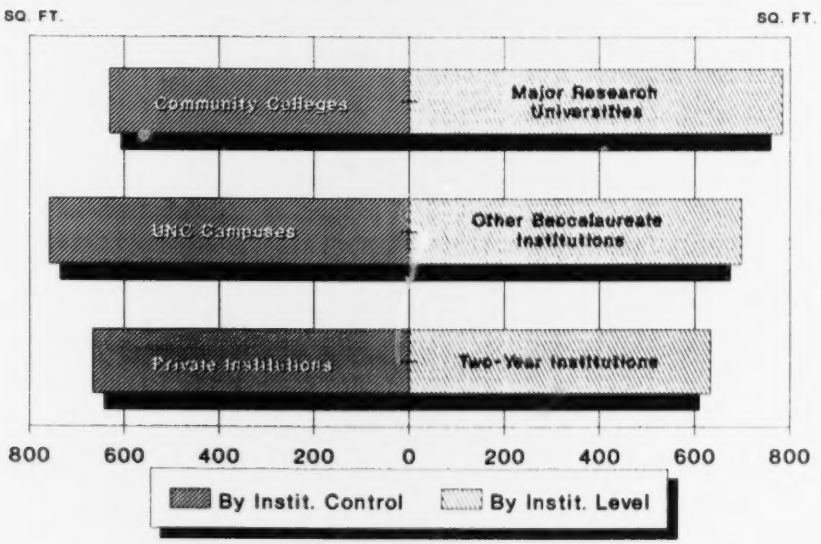
The average number of stations per classroom tends to vary according to the size and instructional philosophy of the institution. Graduate institutions and institutions which rely heavily on large lecture courses will generally have large numbers of stations per classroom.

CLASSROOMS

AVERAGE SQUARE FEET PER STUDENT STATION



AVERAGE ROOM SIZE



Assignable Square Feet Per Student Station For Classrooms

Table 16

INSTITUTION	No. of Rooms	No. of Student Stations	Average Stu/Sta Per Room	Total Assign. Sq. Ft.	Sq. Ft. Per Student Station				
					1988	1987	1986	1985	1984
Major Research Universities:									
NC State	246	13,760	56	197,189	14	14	14	14	15
NC State Vet.	6	436	73	7,318	17	17	17	17	17
UNC-Chapel Hill	250	13,890	56	207,829	15	15	15	15	15
UNC-Health Aff.	73	3,523	48	51,286	15	14	14	15	15
SUBTOTAL	575	31,609	55	463,622	15	15	15	15	15
Other Doctoral Universities:									
UNC-Greensboro	131	6,499	50	107,607	17	17	17	17	18
Comprehensive Universities:									
Appalachian	162	7,191	44	128,143	18	19	19	19	19
East Carolina	212	10,623	50	169,150	16	17	17	17	16
ECU-Health Aff.	40	1,757	44	29,251	17	17	17	17	17
Fayetteville	55	2,212	40	36,225	16	17	17	17	-
NC A & T	187	7,774	42	124,891	16	16	16	16	16
NC Central	147	6,166	42	101,454	16	17	17	17	16
UNC-Charlotte	111	6,469	58	84,595	13	13	14	14	13
UNC-Wilmington	75	3,820	51	57,883	15	14	14	14	-
West'n Carolina	102	4,406	43	80,405	18	19	19	18	19
SUBTOTAL	1,091	50,418	46	811,997	16	17	16	16	17
Gen. Baccalaureate Universities:									
Elizabeth City	47	1,986	42	31,642	16	16	15	15	16
Fayetteville	-	-	-	-	-	-	-	-	17
Pembroke	74	3,004	41	48,432	16	16	16	16	16
UNC-Asheville	43	1,924	45	29,888	16	15	17	17	17
UNC-Wilmington	-	-	-	-	-	-	-	-	15
Winston-Salem	78	3,650	47	59,817	16	16	16	16	16
SUBTOTAL	242	10,564	44	169,779	16	16	16	16	16

Assignable Square Feet Per Student Station For Classrooms

Table 16

INSTITUTION	No. of Rooms	No. of Student Stations	Average Stu/Sta Per Room	Total Assign. Sq. Ft.	Sq. Ft. Per Student Station				
					1988	1987	1986	1985	1984
Specialized Institution:									
NC Sch. of Arts	26	749	29	14,747	20	19	19	21	21
Teaching Hospital:									
NC Mem. Hosp.	-	-	-	-	-	-	-	-	-
Community Colleges:									
SUBTOTAL	2,277	71,286	31	1,437,003	20	20	20	19	19
PRIVATE INSTITUTIONS									
Major Research Universities:									
SUBTOTAL	314	15,607	50	233,648	15	15	15	15	15
Gen. Baccalaureate Colleges:									
SUBTOTAL	1,080	43,000	40	691,846	16	16	16	16	16
Junior Colleges:									
SUBTOTAL	133	5,056	38	90,962	18	18	18	18	18
GRAND TOTAL	5,869	234,788	40	4,021,211	17	17	17	17	17

Assignable Square Feet Per Student Station For Classrooms

Table 16

INSTITUTION	No. of Rooms	No. of Student Stations	Average Stu/Sta Per Room	Total Assign. Sq. Ft.	Sq. Ft. Per Student Station				
					1988	1987	1986	1985	1984
Community Colleges:									
Alamance CC	31	1,183	38	18,614	16	16	16	16	16
Anson CC	13	270	21	6,287	23	21	23	25	22
Ashev'le-Bun. TCC	96	2,871	30	63,854	22	21	21	21	21
Beaufort Co. CC	28	830	30	16,518	20	20	20	21	19
Bladen CC	17	375	22	7,618	20	22	22	22	22
Blue Ridge CC	29	767	26	16,845	22	20	20	19	20
Brunswick CC	33	761	23	19,008	25	26	25	25	24
Caldwell CC & TI	30	885	30	19,716	22	22	21	21	22
Cape Fear CC	27	661	24	17,003	26	27	28	28	28
Carteret CC	25	698	28	12,490	18	18	19	19	19
Catawba Vy. CC	63	1,796	29	41,749	23	23	23	23	22
C. Carolina CC	32	949	30	20,973	22	22	20	21	21
C. Piedmont CC	145	5,208	36	85,104	16	16	16	15	16
Cleveland CC	34	1,033	30	19,706	19	19	19	19	19
Coastal Car. CC	46	1,333	29	27,260	20	21	21	20	20
Col. Albemarle	27	929	34	13,672	15	15	16	15	15
Craven CC	35	1,072	31	18,687	17	17	17	17	17
Davidson Co. CC	41	1,572	38	26,678	17	17	17	17	17
Durham TCC	51	1,530	30	29,929	20	18	19	19	19
Edgecombe CC	41	990	24	21,202	21	21	23	22	23
Fayettev'le TCC	76	2,982	39	55,415	19	18	18	18	18
Forsyth TCC	86	2,708	31	58,978	22	22	22	22	19
Gaston Col.	54	2,075	38	38,445	19	19	18	18	18
Guilford TCC	116	3,804	33	75,017	20	19	19	19	18
Halifax CC	26	751	29	16,202	22	22	22	20	20
Haywood CC	25	698	28	13,604	19	19	17	20	19
Isothermal CC	46	1,355	29	27,767	20	20	20	20	20
J. Sprunt CC	28	644	23	13,682	21	19	19	19	19
Johnston CC	29	1,002	35	16,083	16	16	19	20	19
Lenoir CC	52	1,497	29	27,981	19	19	19	19	19

Assignable Square Feet Per Student Station For Classrooms

Table 16

INSTITUTION	No. of Rooms	No. of Student Stations	Average Stu/Sta Per Room	Total Assign. Sq. Ft.	Sq. Ft. Per Student Station				
					1988	1987	1986	1985	1984
Community Colleges:									
Martin CC	25	761	30	19,326	25	25	23	23	23
Mayland CC	11	332	30	6,809	21	19	19	19	19
McDowell TCC	22	636	29	15,475	24	24	23	23	23
Mitchell CC	48	1,604	33	34,105	21	21	20	20	20
Montgomery CC	11	212	19	5,995	28	28	30	27	29
Nash CC	45	1,484	33	33,807	23	22	22	22	21
Pamlico CC	9	190	21	4,363	23	23	23	23	24
Piedmont CC	27	512	19	13,250	26	24	22	22	22
Pitt CC	34	1,190	35	22,340	19	18	19	19	19
Randolph CC	37	853	23	24,128	28	30	30	25	26
Richmond CC	30	800	27	15,803	20	20	20	20	20
Roanoke-Cho. CC	29	749	26	16,346	22	22	23	23	23
Robeson CC	46	1,396	30	31,600	23	23	22	22	22
Rockingham CC	41	1,586	39	33,981	21	18	19	19	19
Rowan-Cab. CC	45	1,709	38	30,496	18	18	18	18	17
Sampson CC	23	664	29	12,907	19	18	17	17	18
Sandhills CC	38	1,360	36	25,182	19	19	18	18	18
Southeastern CC	35	1,196	34	21,963	18	18	18	18	18
Southwestern CC	36	1,102	31	24,854	23	19	18	18	17
Stanly CC	24	877	37	15,980	18	18	21	22	20
Surry CC	30	941	31	22,156	24	24	23	23	23
Tri-County CC	23	625	27	15,824	25	25	24	24	22
Vance-Granv. CC	32	1,009	32	21,239	21	18	18	18	18
Wake TCC	71	2,408	34	48,018	20	18	18	18	18
Wayne CC	48	1,503	31	26,501	18	17	17	17	17
W. Piedmont CC	20	671	34	13,799	21	21	21	21	17
Wilkes CC	34	1,120	33	22,231	20	20	20	20	20
Wilson Co. TC	21	567	27	12,438	22	23	25	20	19
TOTAL	2,277	71,286	31	1,437,003	20	20	20	19	19

TABLE 17:
ASSIGNABLE SQUARE FEET PER STUDENT STATION FOR CLASS LABORATORIES

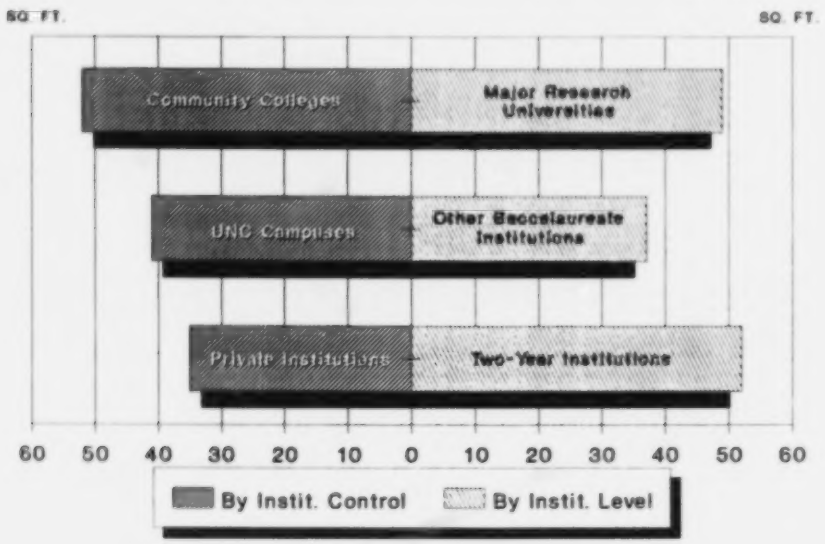
The square footage per student station in class laboratories varies to a greater extent than in classrooms because of the widely differing space requirements of the various kinds of laboratories. An automotive lab, for example, usually requires much more space per station than a chemistry lab. In general, institutions which offer academic programs in such areas as agriculture, engineering, or medicine, or in vocational/technical programs such as automotive mechanics, textiles, and welding require more class lab space per station than do institutions which focus on liberal arts, business, and education. Moreover, graduate level laboratories usually require more space per station than undergraduate labs.

The Higher Education Facilities Planning and Management Manuals (pages 127-133 of Manual Two) provide ranges for various types of class laboratories. Data for selected labs are provided below:

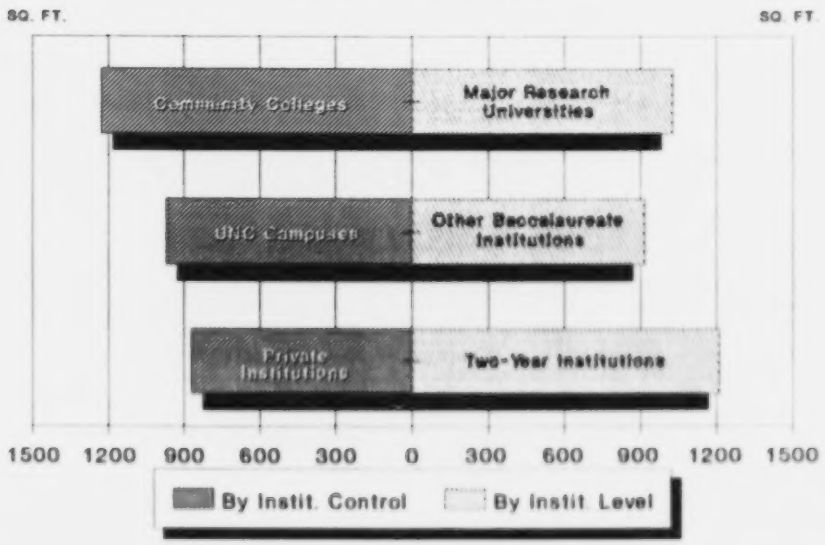
Discipline	Level	ASF	Discipline	ASF
Soil Science	Upper	40-50	Business Tech	25-40
Architecture	Upper	50-60	Data Proc Tech	50-80
Biology	Lower	30-40	Health Svc Tech	25-50
Business	All	20-30	Drafting	50-60
Education	All	25-35	Automotive	100-150
Fine Arts	All	30-50	Welding	80-120
Letters	All	15-25	Natural Sc Tech	35-60
Mathematics	All	20-30	Public Svc Tech	25-35

CLASS LABORATORIES

AVERAGE SQUARE FEET PER STUDENT STATION



AVERAGE ROOM SIZE



Assignable Square Feet Per Student Station For Class Laboratories

Table 17

INSTITUTION	No. of Rooms	No. of Student Stations	Average Stu/Sta Per Room	Total Assign. Sq. Ft.	Sq. Ft. Per Student Station				
					1988	1987	1986	1985	1984
Major Research Universities:									
NC State	213	4,730	22	262,006	55	55	57	58	59
NC State Vet.	5	214	43	13,109	61	82	82	82	82
UNC-Chapel Hill	84	2,161	26	82,194	38	38	38	40	40
UNC-Health Aff.	113	1,909	17	86,059	45	45	45	45	37
SUBTOTAL	415	9,014	22	443,368	49	50	51	51	50
Other Doctoral Universities:									
UNC-Greensboro	76	2,143	28	77,862	36	38	38	39	38
Comprehensive Universities:									
Appalachian	85	2,185	26	88,484	40	32	32	32	32
East Carolina	166	3,598	22	152,609	42	43	44	43	43
ECU-Health Aff.	165	2,405	15	94,741	39	39	39	39	39
Fayetteville	35	1,206	34	32,328	27	26	26	26	-
NC A & T	130	3,440	26	115,609	34	34	32	31	34
NC Central	59	1,371	23	49,806	36	36	36	36	34
UNC-Charlotte	74	2,351	32	86,884	37	39	41	40	39
UNC-Wilmington	35	898	26	30,738	34	35	34	36	-
West'n Carolina	54	1,548	29	59,214	38	39	40	40	42
SUBTOTAL	803	19,002	24	710,413	37	37	37	36	38
Gen. Baccalaureate Universities:									
Elizabeth City	26	800	31	31,193	39	42	42	42	36
Fayetteville	-	-	-	-	-	-	-	-	26
Pembroke	28	771	28	20,276	26	27	27	27	27
UNC-Asheville	41	1,018	25	35,365	35	32	42	42	41
UNC-Wilmington	-	-	-	-	-	-	-	-	35
Winston-Salem	23	639	28	18,803	29	29	29	32	32
SUBTOTAL	118	3,228	27	105,637	33	33	35	35	32

Table 17

Assignable Square Feet Per Student Station For Class Laboratories

INSTITUTION	No. of Rooms	No. of Student Stations	Average Stu/Sta Per Room	Total Assign. Sq. Ft.	Sq. Ft. Per Student Station				
					1988	1987	1986	1985	1984
Specialized Institution:									
NC Sch. of Arts	51	1,278	25	81,206	64	64	66	57	57
Teaching Hospital:									
NC Mem. Hosp.	-	-	-	-	-	-	-	-	-
Community Colleges:									
SUBTOTAL	1,978	46,377	23	2,424,991	52	52	52	53	53
PRIVATE INSTITUTIONS									
Major Research Universities:									
SUBTOTAL	72	1,273	18	57,171	45	41	43	44	44
Gen. Baccalaureate Colleges:									
SUBTOTAL	488	12,894	26	432,306	34	33	33	33	33
Junior Colleges:									
SUBTOTAL	84	1,990	24	71,513	36	34	35	35	35
GRAND TOTAL	4,085	97,199	24	4,404,467	45	45	45	45	45

Assignable Square Feet Per Student Station For Class Laboratories

Table 17

INSTITUTION	No. of Rooms	No. of Student Stations	Average Stu/Sta Per Room	Total Assign. Sq. Ft.	Sq. Ft. Per Student Station				
					1988	1987	1986	1985	1984
Community Colleges:									
Alamance CC	35	887	25	36,288	41	41	41	45	40
Anson CC	17	351	21	17,235	49	49	55	56	57
Ashev'le-Bun. TCC	50	1,139	23	70,949	62	61	65	66	67
Beaufort Co. CC	27	607	22	34,286	56	55	57	63	65
Bladen CC	27	503	19	31,420	62	61	61	65	67
Blue Ridge CC	23	578	25	44,155	76	80	78	79	77
Brunswick CC	25	502	20	26,645	53	57	57	58	58
Caldwell CC & TI	31	628	20	40,106	64	64	61	61	61
Cape Fear CC	36	762	21	50,994	67	67	68	69	69
Carteret CC	29	679	23	31,913	47	47	54	52	56
Catawba Vy. CC	42	1,019	24	60,622	59	62	58	58	55
C. Carolina CC	40	860	22	46,687	54	55	52	53	50
C. Piedmont CC	95	2,819	30	124,061	44	44	43	45	45
Cleveland CC	41	947	23	38,895	41	42	42	42	43
Coastal Car. CC	36	833	23	50,265	60	61	61	62	62
Col. Albemarle	30	781	26	35,920	46	46	46	46	47
Craven CC	28	718	26	27,165	38	38	38	38	44
Davidson Co. CC	34	795	23	37,024	47	46	47	48	48
Durham TCC	40	924	23	51,429	56	55	55	55	55
Edgecombe CC	34	664	20	27,673	42	42	57	56	58
Fayettev'le TCC	54	1,274	24	59,512	47	47	47	47	46
Forsyth TCC	58	1,380	24	83,473	60	61	61	61	70
Gaston Col.	50	1,235	25	61,376	50	50	50	56	56
Guilford TCC	103	2,342	23	137,337	59	56	58	57	58
Halifax CC	19	496	26	24,998	50	48	48	44	46
Haywood CC	59	1,263	21	69,788	55	55	53	55	55
Isothermal CC	36	769	21	39,448	51	51	51	50	52
J. Sprunt CC	22	470	21	31,930	68	69	69	69	68
Johnston CC	32	780	24	37,862	49	49	48	48	60
Lenoir CC	42	987	24	38,186	39	39	40	41	44

Assignable Square Feet Per Student Station For Class Laboratories

Table 17

INSTITUTION	No. of Rooms	No. of Student Stations	Average Stu/Sta Per Room	Total Assign. Sq. Ft.	Sq. Ft. Per Student Station				
					1988	1987	1986	1985	1984
Community Colleges:									
Martin CC	20	522	26	36,384	70	70	68	58	57
Mayland CC	11	244	22	14,891	61	46	46	43	39
McDowell TCC	21	498	24	27,343	55	55	42	42	42
Mitchell CC	32	825	26	40,099	49	49	45	45	46
Montgomery CC	23	348	15	22,341	64	64	66	56	56
Nash CC	28	498	18	33,429	67	64	59	59	54
Pamlico CC	8	121	15	9,871	82	82	82	82	82
Piedmont CC	19	436	23	21,332	49	51	52	52	55
Pitt CC	31	748	24	40,236	54	54	49	49	49
Randolph CC	34	728	21	49,817	68	69	69	70	72
Richmond CC	24	473	20	33,429	71	69	68	67	67
Roanoke-Cho. CC	15	398	27	19,452	49	47	48	48	54
Robeson CC	42	1,186	28	52,125	44	49	51	51	52
Rockingham CC	36	883	25	49,963	57	62	61	63	63
Rowan-Cab. CC	38	961	25	45,263	47	48	48	49	53
Sampson CC	20	530	27	25,806	49	48	49	49	50
Sandhills CC	39	1,020	26	44,886	44	43	43	42	42
Southeastern CC	30	741	25	31,780	43	43	43	43	41
Southwestern CC	41	898	22	33,494	37	38	38	38	37
Stanly CC	20	580	29	21,966	38	41	40	35	35
Surry CC	26	648	25	31,952	49	50	48	47	48
Tri-County CC	23	452	20	33,271	74	73	82	82	82
Vance-Granv. CC	32	819	26	37,769	46	44	44	42	41
Wake TCC	48	889	19	53,678	60	59	58	59	62
Wayne CC	45	1,122	25	50,648	45	45	46	46	46
W. Piedmont CC	25	583	23	28,433	49	49	49	45	36
Wilkes CC	23	511	22	26,860	53	52	54	53	53
Wilson Co. TC	29	723	25	40,831	56	59	60	62	67
TOTAL	1,978	46,377	23	2,424,991	52	52	52	53	53

Performance Place, North Carolina School of the Arts

Performance Place, the newest performance-training facility on the North Carolina School of the Arts campus, was completed in the fall of 1988. The $5.3 million facility is a learning laboratory for the institution's professional training programs in drama, design and production. The building contains two theatres (a 461-seat proscenium thrust and a 200-seat flexible arena), a rehearsal studio, eight dressing rooms, a wardrobe maintenance and repair area, a performer's lounge, and a large design and production classroom.

Dramatic architectural features highlight the 23,300 square foot, three-level structure. Prominent design elements include open arches and brick-veneered, cast-in-place concrete monoliths on the exterior; and glass walls opening onto brick courtyards and vaulted ceilings traversed by "theatrical" catwalks on the interior. Special technical features provide students with training opportunities using modern computer, sound and lighting systems.

Building Characteristics

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TABLE 18
OWNERSHIP OF BUILDINGS

Many campus buildings are not owned by the institutions which use them. This table provides data on the ownership status of institutional facilities. The gross square footage of each institution has been classified under eight ownership categories:

1 Owned in fee simple.

2 Title vested in the institution and being paid for on an amortization schedule.

3 Title vested in holding company or building corporation to which payments are being made by the institution and which will ultimately convey title to the institution. (Includes lease-purchase arrangement.)

4 Not owned by the institution, but leased or rented to the institution at a typical local rate.

5 Not owned by the institution, but made available to the institution either at no cost or at a nominal rate.

6 Not owned by the institution, but shared with an educational organization that is not a postsecondary institution.

7 Not owned by the institution, but shared with another postsecondary educational institution.

8 Other (e.g., not owned by the institution, but shared with a non-educational institution).

Ownership for institutions of The University of North Carolina represents ownership by the State of North Carolina. Ownership of community and technical colleges represents ownership by local trustees and reflects expenditures primarily from local fund sources which are supplemented by state and federal funds. Ownership of the private institutions resides with the institution's trustees.

The sum of the percentages for each institution should in theory add to exactly 100.0, but in some cases they do not because of rounding.

Ownership of Buildings

Table 18

INSTITUTION	Owned Gross Sq. Ft. 1	Owned %	Institution Amortization Gross Sq. Ft. 2	Institution Amortization %	Holding Co. Amortization Gross Sq. Ft. 3	Holding Co. Amortization %	Leased or Rented Gross Sq. Ft. 4	Leased or Rented %	Nominal Rate Gross Sq. Ft. 5	Nominal Rate %	* Total Gross Sq. Ft.
Major Research Universities:											
NC State	4,595,917	69.4	2,023,706	30.6	-	-	-	-	-	-	6,619,623
NC State Vet	372,607	100.0	-	-	-	-	-	-	-	-	372,607
UNC-Chapel Hill	6,784,540	98.9	-	-	-	-	12,366	0.2	63,702	0.9	6,861,859
UNC-Health Aff.	1,840,500	70.8	522,938	20.1	101,246	3.9	108,848	4.2	-	-	2,600,032
SUBTOTAL	13,593,564	82.6	2,546,644	15.5	101,246	0.6	121,214	0.7	63,702	0.4	16,454,121
Other Doctoral Universities:											
UNC-Greensboro	2,631,715	99.6	-	-	-	-	9,471	0.4	-	-	2,641,186
Comprehensive Universities:											
Appalachian	1,597,894	58.7	1,110,196	40.8	-	-	-	-	14,400	0.5	2,722,490
East Carolina	2,129,164	74.0	746,469	26.0	-	-	-	-	-	-	2,875,633
ECU-Health Aff.	621,610	100.0	-	-	-	-	-	-	-	-	621,610
Fayetteville	757,808	90.1	83,610	9.9	-	-	-	-	-	-	841,418
NC A & T	2,060,910	100.0	-	-	-	-	-	-	-	-	2,060,910
NC Central	1,551,131	100.0	-	-	-	-	-	-	-	-	1,551,131
UNC-Charlotte	1,331,212	58.4	946,712	41.6	-	-	-	-	-	-	2,277,924
UNC-Wilmington	814,396	65.2	434,271	34.8	-	-	-	-	-	-	1,248,667
West'n Carolina	1,525,776	68.1	714,713	31.9	-	-	-	-	-	-	2,240,489
SUBTOTAL	12,389,901	75.4	4,035,971	24.5	-	-	-	-	14,400	0.1	16,440,272
Gen. Baccalaureate Universities:											
Elizabeth City	595,822	81.4	135,876	18.6	-	-	-	-	-	-	731,698
Pembroke	682,888	100.0	-	-	-	-	-	-	-	-	682,888
UNC-Asheville	477,315	75.8	152,000	24.2	-	-	-	-	-	-	629,315
Winston-Salem	726,452	85.1	127,536	14.9	-	-	-	-	-	-	853,988
SUBTOTAL	2,482,477	85.7	415,412	14.3	-	-	-	-	-	-	2,897,889
Specialized Institution:											
NC Sch. of Arts	472,976	78.5	102,782	17.1	-	-	-	-	26,399	4.4	602,157
Teaching Hospital:											
N. C. Mem. Hosp.	1,155,016	93.4	-	-	-	-	74,844	6.1	-	-	1,236,581
Community Colleges:											
SUBTOTAL	11,198,443	95.5	756	<0.1	20,325	0.2	240,733	2.1	215,284	1.8	11,729,474
PRIVATE INSTITUTIONS											
Major Research Universities:											
SUBTOTAL	12,374,217	98.8	136,029	1.1	-	-	12,939	0.1	-	-	12,523,185
Gen. Baccalaureate Colleges:											
SUBTOTAL	13,307,087	88.4	1,463,133	9.7	118,858	0.8	75,150	0.5	85,507	0.6	15,056,325
Junior Colleges:											
SUBTOTAL	1,508,521	82.9	311,005	17.1	-	-	-	-	-	-	1,819,526
GRAND TOTAL	71,113,917	87.4	9,011,732	11.1	240,429	0.3	534,351	0.7	405,292	0.5	81,400,716

*Three categories of ownership are omitted from the table because of their limited applicability. The data are included in appropriate totals. Details on next page.

Ownership of Buildings

Table 18

INSTITUTION	Owned		Institution Amortization		Holding Co. Amortization		Leased or Rented		Nominal Rate		*	Total
	Gross Sq. Ft. 1	%	Gross Sq. Ft. 2	%	Gross Sq. Ft. 3	%	Gross Sq. Ft. 4	%	Gross Sq. Ft. 5	%		Gross Sq. Ft.
Community Colleges:												
Alamance CC	157,002	100.0	-	-	-	-	-	-	-	-		157,002
Anson CC	29,950	43.1	-	-	-	-	-	-	39,510	56.9		69,460
Ashev'le-Bun. TCC	340,340	100.0	-	-	-	-	-	-	-	-		340,340
Beaufort Co. CC	128,848	100.0	-	-	-	-	-	-	-	-		128,848
Bladen CC	103,372	100.0	-	-	-	-	-	-	-	-		103,372
Blue Ridge CC	163,140	100.0	-	-	-	-	-	-	-	-		163,140
Brunswick CC	98,797	91.6	-	-	-	-	1,663	1.5	7,395	6.9		107,855
Caldwell CC & TI	168,574	100.0										168,574
Cape Fear CC	183,549	92.5	-	-	-	-	-	-	14,840	7.5		198,389
Carteret CC	154,736	100.0	-	-	-	-	-	-	-	-		154,736
Catawba Vy. CC	270,263	98.3	-	-	-	-	-	-	4,600	1.7		274,863
C. Carolina CC	157,843	100.0	-	-	-	-	-	-	-	-		157,843
C. Piedmont CC	1,219,212	96.4	-	-	9,312	0.7	36,817	2.9	-	-		1,265,341
Cleveland CC	150,014	100.0	-	-	-	-	-	-	-	-		150,014
Coastal Car. CC	214,716	100.0	-	-	-	-	-	-	-	-		214,716
Col. Albemarle	121,780	91.6	-	-	-	-	2,100	1.6	9,034	6.8		132,914
Craven CC	105,923	83.4	-	-	-	-	21,135	16.6	-	-		127,058
Davidson Co. CC	211,332	100.0	-	-	-	-	-	-	-	-		211,332
Durham TCC	208,782	92.7	-	-	-	-	16,530	7.3	-	-		225,312
Edgecombe CC	142,038	98.1	756	0.5	-	-	-	-	2,064	1.4		144,858
Fayettev'le TCC	404,172	100.0	-	-	-	-	-	-	-	-		404,172
Forsyth TCC	336,300	87.6	-	-	-	-	-	-	-	-		383,785
Gaston Col.	276,234	100.0	-	-	-	-	-	-	-	-		276,234
Guilford TCC	474,791	82.1	-	-	-	-	103,400	17.9	-	-		578,191
Halifax CC	119,225	100.0	-	-	-	-	-	-	-	-		119,225
Haywood CC	210,307	89.6	-	-	-	-	-	-	24,474	10.4		234,781
Isothermal CC	209,625	97.0	-	-	-	-	-	-	-	-		216,073
J. Sprunt CC	113,361	99.0	-	-	-	-	-	-	1,200	1.0		114,561
Johnston CC	124,060	91.3	-	-	-	-	-	-	11,825	8.7		135,885
Lenoir CC	194,524	95.6	-	-	-	-	-	-	9,024	4.4		203,548
Martin CC	150,545	99.5	-	-	720	0.5	-	-	-	-		151,265
Mayland CC	95,848	99.3	-	-	-	-	-	-	720	0.7		96,568
McDowell TCC	92,006	100.0	-	-	-	-	-	-	-	-		92,006
Mitchell CC	250,997	100.0	-	-	-	-	-	-	-	-		250,997
Montgomery CC	69,786	100.0	-	-	-	-	-	-	-	-		69,786
Nash CC	177,684	100.0	-	-	-	-	-	-	-	-		177,684
Pamlico CC	40,198	100.0	-	-	-	-	-	-	-	-		40,198
Piedmont CC	117,486	100.0	-	-	-	-	-	-	-	-		117,486
Pitt CC	160,340	90.3	-	-	-	-	17,214	9.7	-	-		177,554
Randolph CC	164,583	91.6	-	-	-	-	15,094	8.4	-	-		179,677
Richmond CC	147,639	98.2	-	-	-	-	-	-	2,680	1.8		150,319
Roanoke-Cho. CC	109,542	91.9	-	-	9,633	8.1	-	-	-	-		119,175
Robeson CC	186,935	84.0	-	-	-	-	-	-	35,640	16.0		222,575
Rockingham CC	268,569	100.0	-	-	-	-	-	-	-	-		268,569
Rowan-Cab. CC	179,450	93.7	-	-	-	-	-	-	12,132	6.3		191,582
Sampson CC	117,646	100.0	-	-	-	-	-	-	-	-		117,646
Sandhills CC	212,683	99.4	-	-	-	-	-	-	1,280	0.6		213,963
Southeastern CC	161,785	100.0	-	-	-	-	-	-	-	-		161,785
Southwestern CC	190,448	100.0	-	-	-	-	-	-	-	-		190,448
Stanly CC	82,484	82.2	-	-	-	-	14,131	14.1	3,696	3.7		100,311
Surry CC	182,076	100.0	-	-	-	-	-	-	-	-		182,076
Tri-County CC	92,769	100.0	-	-	-	-	-	-	-	-		92,769
Vance-Granv. CC	166,486	100.0	-	-	-	-	-	-	-	-		166,486
Wake TCC	321,930	90.2	-	-	-	-	-	-	35,170	9.8		357,100
Wayne CC	154,419	92.4	-	-	660	0.4	12,049	7.2	-	-		167,128
W. Piedmont CC	149,169	100.0	-	-	-	-	-	-	-	-		149,169
Wilkes CC	201,550	99.7	-	-	-	-	600	0.3	-	-		202,150
Wilson Co. TC	160,580	100.0	-	-	-	-	-	-	-	-		160,580
TOTAL	11,198,443	95.5	756	<0.1	20,325	0.2	240,733	2.1	215,284	1.8		11,729,474

Category 6: None

Category 7: Forsyth Technical CC 47,485 12.4% Memorial Hospital 6,721 0.5%

Category 8: Isothermal Community College 6,448 3.0% UNC at Chapel Hill 1,251 <0.1% UNC-Health Affairs 26,500 1.0%

One Private Institution 6,590 1.4%

TABLES 19 & 20:
CAPITAL INVESTMENT IN BUILDINGS

Building cost, as used here, refers to the institution's initial capital investment in a building. For a facility which is built by the institution, the building cost is the cost of construction of the structure and its fixed equipment. For buildings which are purchased, the acquisition cost is applicable.

The replacement value of a building, on the other hand, represents the estimated cost of constructing a new facility containing an equal amount of space which is designed for the same use as the original building and which meets all of the current commonly-accepted standards of construction. For institutional buildings which were in existence prior to 1972, the replacement value was first estimated using 1972 construction cost data. Since then, it has been increased each year using factors obtained annually from construction cost publications. For buildings constructed since 1972, the building cost is the base upon which these replacement value factors are applied.

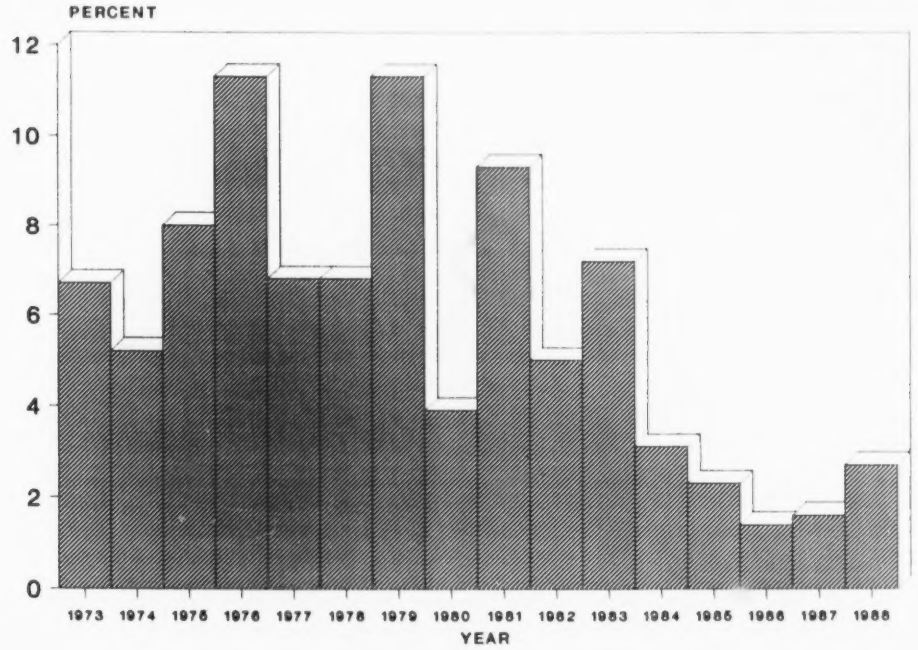
From 1972-83, the replacement value factors were derived from building cost data reported for the Atlanta region in the Engineering News Record. From 1984-1987, the Dodge Building Cost Indexes for U. S. and Canadian Cities, published by McGraw-Hill Cost Information Systems, was used to determine the replacement value factors. Beginning this year, due to termination of the Dodge publication, the R. S. Means Construction Cost Indexes report, which follows a calculation methodology similar to the Dodge report, is used to construct this year's index. Factors calculated from the Means publication were derived by computing an average of the construction cost increases for Charlotte, Durham, Greensboro, Raleigh and Winston-Salem. The following table, reflecting a base of 100.0 for January, 1975, summarizes selected data for these cities:

City	Oct 1987	Oct 1988	Index Increase	% Change 1987-88
Charlotte	160.9	165.1	4.2	2.6
Durham	158.9	163.2	4.3	2.7
Greensboro	157.7	161.9	4.2	2.7
Raleigh	160.3	164.6	4.3	2.7
Winston-Salem	162.8	167.2	4.4	2.7

The following are the factors which have been used to increase the estimated replacement values each year. They reflect the increases in construction costs which have occurred since 1973. Relative increases over this period are portrayed in the graph.

Year	Annual Increase	Year	Annual Increase	Year	Annual Increase
1973	6.7%	1979	11.3%	1985	2.3%
1974	5.2%	1980	3.9%	1986	1.4%
1975	8.0%	1981	9.3%	1987	1.6%
1976	11.3%	1982	5.0%	1988	2.7%
1977	6.8%	1983	7.2%		
1978	6.8%	1984	3.1%		

RELATIVE INCREASES IN CONSTRUCTION COSTS



Because building cost represents an institution's capital investment in a facility, only buildings which are owned by the institution (i.e., those falling under ownership categories 1-3 on page 139) are included in calculating total cost. Replacement value, on the other hand, is a reflection of all buildings on an institution's campus, regardless of their ownership status.

The data are categorized as non-residential (Table 19) and residential (Table 20). Buildings with twenty percent or more of their space in each category are considered combination buildings and appear in both tables. The tables accurately reflect the number of buildings with non-residential space and the number with residential space, but the sum will exceed the total number of buildings on the campuses which have combination buildings. Other data are distributed between the two tables on the basis of the ratio of the assignable square feet in the category to the total assignable square feet in the building. Thus, campus totals may be determined accurately by summing the appropriate data in the two tables, with the exception noted.

Table 19

Capital Investment, Non-Residential Buildings

INSTITUTION	No. of Bldgs.	Building Cost	Replacement Value	Gross Sq. Ft. On Campus
Major Research Universities:				
NC State	103	$ 106,193,443	$ 329,288,497	4,945,510
NC State Vet.	12	23,846,176	30,975,212	372,607
UNC-Chapel Hill	160	158,940,460	555,806,883	4,979,882
UNC-Health Aff.	94	90,281,537	323,807,601	2,600,032
SUBTOTAL	369	379,261,616	1,239,878,193	12,898,031
Other Doctoral Universities:				
UNC-Greensboro	49	39,510,115	115,346,908	1,774,914
Comprehensive Universities:				
Appalachian	54	54,245,708	130,256,500	1,784,598
East Carolina	63	44,720,597	118,104,909	1,818,892
ECU-Health Aff.	16	38,934,147	52,560,302	621,610
Fayetteville	38	22,253,571	43,130,036	591,964
NC A & T	85	44,345,185	104,245,585	1,524,846
NC Central	44	34,498,795	76,199,775	1,086,527
UNC-Charlotte	34	52,763,700	116,978,573	1,455,291
UNC-Wilmington	45	35,758,647	68,559,472	920,146
West'n Carolina	41	46,132,497	106,966,878	1,515,706
SUBTOTAL	420	373,652,847	817,002,030	11,319,580
Gen. Baccalaureate Universities:				
Elizabeth City	29	16,293,387	36,951,867	493,067
Pembroke	25	16,953,045	35,992,895	512,711
UNC-Asheville	14	16,990,200	29,719,759	443,277
Winston-Salem	21	20,165,447	44,170,868	638,961
SUBTOTAL	89	70,402,079	146,835,389	2,088,016

Table 19

Capital Investment, Non-Residential Buildings

INSTITUTION	No. of Bldgs.	Building Cost	Replacement Value	Gross Sq. Ft. On Campus
Specialized Institution:				
NC Sch. of Arts	15	$ 13,710,304	$ 38,525,635	462,533
Teaching Hospital:				
NC Mem. Hosp.	28	61,731,405	132,670,755	1,236,581
Community Colleges:				
SUBTOTAL	809	338,040,083	718,249,213	11,720,457
		PRIVATE INSTITUTIONS		
Major Research Universities:				
SUBTOTAL	260	441,179,044	887,370,299	10,164,092
Gen. Baccalaureate Colleges:				
SUBTOTAL	649	196,492,540	633,526,792	9,191,767
Junior Colleges:				
SUBTOTAL	75	20,140,830	67,164,681	1,044,969
GRAND TOTAL	2,763	$1,934,120,863	$4,796,569,895	61,900,940

Table 19

Capital Investment, Non-Residential Buildings

INSTITUTION	No. of Bldgs.	Building Cost	Replacement Value	Gross Sq. Ft. On Campus
Community Colleges:				
Alamance CC	6	$ 6,192,312	$ 13,359,120	156,330
Anson CC	11	1,150,000	4,089,328	69,460
Ashev'le-Bun. TCC	19	9,023,879	21,863,268	340,340
Beaufort Co. CC	9	3,691,187	7,125,092	128,848
Bladen CC	16	2,797,818	6,149,362	103,372
Blue Ridge CC	12	6,274,436	9,998,814	163,140
Brunswick CC	24	3,099,272	5,174,127	107,855
Caldwell CC & TI	7	4,876,053	11,839,378	168,574
Cape Fear CC	5	4,951,014	15,116,970	198,389
Carteret CC	12	4,974,455	11,041,744	154,736
Catawba Vy. CC	16	8,560,568	18,459,455	274,863
C. Carolina CC	12	5,842,183	11,151,586	157,843
C. Piedmont CC	34	19,534,030	52,969,975	1,262,341
Cleveland CC	9	6,156,896	10,027,762	150,014
Coastal Car. CC	11	9,862,528	15,954,303	214,716
Col. Albemarle	9	4,120,940	7,883,104	132,914
Craven CC	9	3,316,684	7,943,679	127,058
Davidson Co. CC	10	5,949,765	13,540,401	211,332
Durham TCC	14	7,146,311	13,777,685	225,312
Edgecombe CC	10	4,155,300	8,916,929	144,858
Fayettev'le TCC	25	11,641,365	23,882,499	404,172
Forsyth TCC	16	8,962,924	26,496,682	383,785
Gaston Col.	12	8,012,969	18,551,476	276,234
Guilford TCC	26	14,468,220	39,810,838	578,191
Halifax CC	8	3,872,903	5,730,597	119,225
Haywood CC	31	6,764,429	12,934,744	234,781
Isothermal CC	15	7,379,512	12,910,181	216,073
J. Sprunt CC	11	3,096,076	6,705,022	114,561
Johnston CC	9	4,366,650	7,854,200	135,885
Lenoir CC	11	5,634,236	12,772,458	203,548

Table 19

Capital Investment, Non-Residential Buildings

INSTITUTION	No. of Bldgs.	Building Cost	Replacement Value	Gross Sq. Ft. On Campus
Community Colleges:				
Martin CC	10	2,807,675	7,363,687	151,265
Mayland CC	9	4,375,223	6,863,862	96,568
McDowell TCC	7	3,976,052	6,852,039	92,006
Mitchell CC	21	3,862,528	14,405,022	250,997
Montgomery CC	3	2,300,126	3,734,339	69,786
Nash CC	8	7,023,010	9,719,166	177,684
Pamlico CC	4	1,528,200	3,426,544	40,198
Piedmont CC	11	5,610,180	8,472,149	117,486
Pitt CC	28	4,580,860	11,059,527	177,554
Randolph CC	16	5,408,103	10,720,196	179,677
Richmond CC	9	4,871,574	10,000,944	150,319
Roanoke-Cho. CC	6	4,679,094	8,117,418	119,175
Robeson CC	29	9,022,000	15,000,104	222,575
Rockingham CC	12	9,037,674	17,494,391	268,569
Rowan-Cab. CC	11	3,622,700	11,858,959	191,582
Sampson CC	9	4,797,302	6,888,264	117,646
Sandhills CC	24	4,735,386	11,951,666	208,618
Southeastern CC	13	3,871,309	9,779,302	161,785
Southwestern CC	8	8,827,721	12,097,468	190,448
Stanly CC	10	3,346,302	6,399,325	100,311
Surry CC	11	5,436,344	11,109,512	182,076
Tri-County CC	15	3,090,673	5,948,052	92,769
Vance-Granv. CC	9	7,644,497	12,674,611	166,486
Wake TCC	21	11,164,207	20,459,703	357,100
Wayne CC	44	2,650,641	8,870,917	167,128
W. Piedmont CC	13	3,910,241	10,047,391	149,169
Wilkes CC	18	5,668,467	11,825,480	202,150
Wilson Co. TC	11	4,317,079	11,078,396	160,580
TOTAL	809	$338,040,083	$718,249,213	11,720,457

Capital Investment, Residential Buildings

Table 20

INSTITUTION	No. of Bldgs.	Building Cost	Replacement Value	Gross Sq. Ft. On Campus
Major Research Universities:				
NC State	34	$ 25,365,881	$ 102,631,316	1,674,113
NC State Vet.	-	-	-	-
UNC-Chapel Hill	40	26,686,940	169,394,318	1,881,977
UNC-Health Aff.	-	-	-	-
SUBTOTAL	74	52,052,821	272,025,634	3,556,090
Other Doctoral Universities:				
UNC-Greensboro	24	12,521,200	55,109,907	866,272
Comprehensive Universities:				
Appalachian	28	17,715,800	58,541,998	937,892
East Carolina	17	14,458,000	67,659,305	1,056,741
ECU-Health Aff.	-	-	-	-
Fayetteville	9	3,638,000	15,754,716	249,454
NC A & T	16	5,809,786	34,173,462	536,064
NC Central	13	5,215,280	29,347,900	464,604
UNC-Charlotte	10	24,329,223	49,751,096	822,633
UNC-Wilmington	20	11,548,884	21,373,750	328,521
West'n Carolina	18	11,238,450	43,666,889	724,783
SUBTOTAL	131	93,953,423	320,269,116	5,120,692
Gen. Baccalaureate Universities:				
Elizabeth City	25	3,944,204	14,660,352	238,631
Pembroke	7	2,633,000	10,731,695	170,177
UNC-Asheville	11	8,432,363	11,926,429	186,038
Winston-Salem	8	3,603,000	13,506,881	215,027
SUBTOTAL	51	18,612,567	50,825,357	809,873

Table 20

Capital Investment, Residential Buildings

INSTITUTION	No. of Bldgs.	Building Cost	Replacement Value	Gross Sq. Ft. On Campus
Specialized Institution:				
NC Sch. of Arts	15	$ 3,508,000	$ 8,673,165	139,624
Teaching Hospital:				
NC Mem. Hosp.	-	-	-	-
Community Colleges:				
SUBTOTAL	3	112,500	644,345	9,017
		PRIVATE INSTITUTIONS		
Major Research Universities:				
SUBTOTAL	129	40,271,635	143,415,660	2,359,093
Gen. Baccalaureate Colleges:				
SUBTOTAL	568	94,744,216	369,681,766	5,864,558
Junior Colleges:				
SUBTOTAL	65	11,711,104	51,989,275	774,557
GRAND TOTAL	1,060	$327,487,466	$1,272,634,225	19,499,776

Table 20

Capital Investment, Residential Buildings

INSTITUTION	No. of Bldgs.	Building Cost	Replacement Value	Gross Sq. Ft. On Campus
Community Colleges:				
Alamance CC	1	$ 4,000	$ 8,974	672
Anson CC	-	-	-	-
Ashev'le-Bun. TCC	-	-	-	-
Beaufort Co. CC	-	-	-	-
Bladen CC	-	-	-	-
Blue Ridge CC	-	-	-	-
Brunswick CC	-	-	-	-
Caldwell CC & TI	-	-	-	-
Cape Fear CC	-	-	-	-
Carteret CC	-	-	-	-
Catawba Vy. CC	-	-	-	-
C. Carolina CC	-	-	-	-
C. Piedmont CC	1	56,500	182,601	3,000
Cleveland CC	-	-	-	-
Coastal Car. CC	-	-	-	-
Col. Albemarle	-	-	-	-
Craven CC	-	-	-	-
Davidson Co. CC	-	-	-	-
Durham TCC	-	-	-	-
Edgecombe CC	-	-	-	-
Fayettev'le TCC	-	-	-	-
Forsyth TCC	-	-	-	-
Gaston Col.	-	-	-	-
Guilford TCC	-	-	-	-
Halifax CC	-	-	-	-
Haywood CC	-	-	-	-
Isothermal CC	-	-	-	-
J. Sprunt CC	-	-	-	-
Johnston CC	-	-	-	-
Lenoir CC	-	-	-	-

Table 20

Capital Investment, Residential Buildings

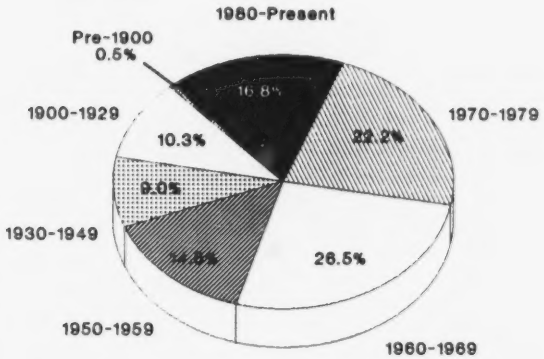
INSTITUTION	No. of Bldgs.	Building Cost	Replacement Value	Gross Sq. Ft. On Campus
Community Colleges:				
Martin CC	-	-	-	-
Mayland CC	-	-	-	-
McDowell TCC	-	-	-	-
Mitchell CC	-	-	-	-
Montgomery CC	-	-	-	-
Nash CC	-	-	-	-
Pamlico CC	-	-	-	-
Piedmont CC	-	-	-	-
Pitt CC	-	-	-	-
Randolph CC	-	-	-	-
Richmond CC	-	-	-	-
Roanoke-Cho. CC	-	-	-	-
Robeson CC	-	-	-	-
Rockingham CC	-	-	-	-
Rowan-Cab. CC	-	-	-	-
Sampson CC	-	-	-	-
Sandhills CC	1	52,000	452,770	5,345
Southeastern CC	-	-	-	-
Southwestern CC	-	-	-	-
Stanly CC	-	-	-	-
Surry CC	-	-	-	-
Tri-County CC	-	-	-	-
Vance-Granv. CC	-	-	-	-
Wake TCC	-	-	-	-
Wayne CC	-	-	-	-
W. Piedmont CC	-	-	-	-
Wilkes CC	-	-	-	-
Wilson Co. TC	-	-	-	-
TOTAL	3	$ 112,500	$ 644,345	9,017

TABLE 21:
AGE OF BUILDINGS

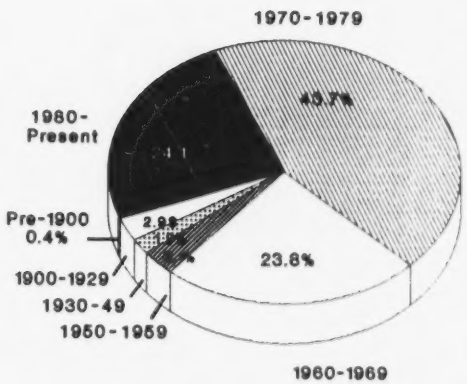
This table reports the total gross square footage of North Carolina colleges and universities by year of construction categories. For purposes of this study, the year of construction is defined as the year that the building was completed regardless of any later year of occupancy.

Although this table gives some indication of how new an institution's facilities are, it does not take into account renovations. The data in this table should, therefore, be considered in conjunction with Table 22 (Condition of Buildings) and Table 23 (Estimated Cost to Renovate or Replace Unsatisfactory Facilities).

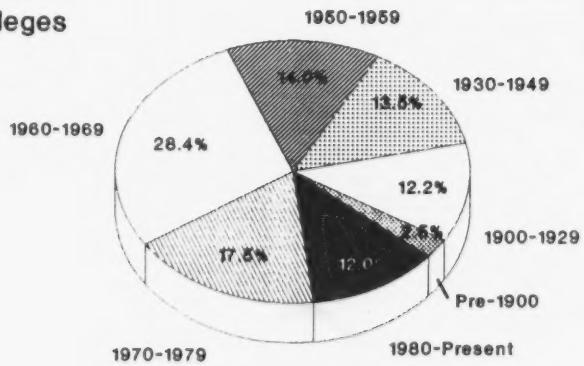
PERCENTAGE DISTRIBUTION OF GROSS AREA BY AGE OF BUILDINGS



University of North Carolina Campuses
and N.C. Memorial Hospital



Community Colleges



Private Institutions

Age of Buildings

Table 21

INSTITUTION	Total Gross Square Feet	Period of Construction: Pre-1900 Gross Sq. Ft.	1900-1929 Gross Sq. Ft.	1930-1949 Gross Sq. Ft.	1950-1959 Gross Sq. Ft.	1960-1969 Gross Sq. Ft.	1970-1979 Gross Sq. Ft.	1980-Present Gross Sq. Ft.
Major Research Universities:								
NC State	6,619,623	44,407	851,724	1,012,013	1,512,759	1,645,896	1,168,730	384,094
NC State Vet	372,607	-	-	28,559	3,979	1,242	-	338,827
UNC-Chapel Hill	6,861,859	123,808	1,542,124	823,147	551,760	1,883,289	539,988	1,397,743
UNC-Health Aff.	2,600,032	-	1,200	144,926	278,218	571,279	1,477,946	126,463
SUBTOTAL	16,454,121	168,215	2,395,048	2,008,645	2,346,716	4,101,706	3,186,664	2,247,127
Other Doctoral Universities:								
UNC-Greensboro	2,641,186	31,100	770,031	236,688	388,141	482,899	656,524	75,803
Comprehensive Universities:								
Appalachian	2,722,490	-	78,716	206,903	380,942	1,111,800	635,857	308,272
East Carolina	2,875,633	-	319,602	167,504	500,212	1,188,376	525,339	174,600
ECU-Health Aff.	621,610	-	-	11,744	-	31,788	68,533	509,545
Fayetteville	841,418	-	26,913	130,703	70,410	218,938	193,214	201,240
NC A & T	2,060,910	-	99,089	155,758	792,318	334,286	301,161	378,298
NC Central	1,551,131	-	36,379	225,213	469,874	332,330	174,475	312,860
UNC-Charlotte	2,277,924	-	-	-	-	569,503	1,026,471	681,950
UNC-Wilmington	1,248,667	-	9,000	12,250	-	234,802	503,750	488,865
West'n Carolina	2,240,489	-	56,107	182,379	332,898	706,902	575,861	386,342
SUBTOTAL	16,440,272	-	625,806	1,092,454	2,546,654	4,728,725	4,004,661	3,441,972
Gen. Baccalaureate Universities:								
Elizabeth City	731,698	-	89,399	57,955	107,940	157,192	148,883	170,329
Pembroke	682,888	-	-	16,230	33,483	251,885	313,675	67,615
UNC-Asheville	629,315	-	6,029	-	-	299,360	95,850	228,076
Winston-Salem	853,988	-	97,672	80,460	59,750	258,213	277,422	80,471
SUBTOTAL	2,897,889	-	193,100	154,645	201,173	966,650	835,830	546,491
Specialized Institution:								
NC Sch. of Arts	602,157	-	166,636	91,714	26,382	149,021	113,629	54,775
Teaching Hospital:								
N. C. Mem. Hosp.	1,236,581	-	-	50,022	389,251	244,238	143,967	409,103
Community Colleges:								
SUBTOTAL	11,729,474	52,368	342,467	221,165	365,970	2,787,333	5,128,170	2,832,001
PRIVATE INSTITUTIONS								
Major Research Universities:								
SUBTOTAL	12,523,185	35,728	1,410,371	2,179,011	1,800,596	1,985,122	2,904,743	2,207,614
Gen. Baccalaureate Colleges:								
SUBTOTAL	15,056,325	474,039	2,018,102	1,742,353	2,052,025	5,660,987	1,952,293	1,156,526
Junior Colleges:								
SUBTOTAL	1,819,526	213,989	147,471	57,247	253,315	712,330	282,195	152,979
GRAND TOTAL	81,400,716	975,439	8,069,032	7,833,944	10,370,223	21,819,011	19,208,676	13,124,391

Age of Buildings

Table 21

INSTITUTION	Total Gross Square Feet	Period of Construction: Pre-1900 Gross Sq. Ft.	1900-1929 Gross Sq. Ft.	1930-1949 Gross Sq. Ft.	1950-1959 Gross Sq. Ft.	1960-1969 Gross Sq. Ft.	1970-1979 Gross Sq. Ft.	1980-Present Gross Sq. Ft.
Community Colleges:								
Alamance CC	157,002	-	25,729	-	600	-	116,156	14,517
Anson CC	69,460	8,689	-	21,638	-	-	30,495	8,638
Ashev'le-Bun. TCC	340,340	9,981	-	10,411	21,142	139,864	77,589	81,353
Beaufort Co. CC	128,484	-	-	-	-	-	96,967	31,881
Bladen CC	103,372	-	-	-	7,170	-	69,822	26,380
Blue Ridge CC	163,140	-	-	-	-	-	90,815	72,325
Brunswick CC	107,855	-	-	13,813	-	24,003	8,565	61,474
Caldwell CC & TI	168,574	-	-	-	-	60,471	88,309	19,794
Cape Fear CC	198,389	-	-	-	-	45,540	152,849	-
Carteret CC	154,736	-	-	26,802	9,358	27,840	52,377	38,359
Catawba Vy. CC	274,863	-	-	1,650	4,600	74,471	120,835	73,307
C. Carolina CC	157,843	-	-	-	-	66,942	30,942	59,959
C. Piedmont CC	1,265,341	-	106,968	49,762	66,530	221,465	620,104	200,512
Cleveland CC	150,014	-	-	-	-	1,875	45,314	102,825
Coastal Car. CC	214,716	-	-	-	-	-	169,867	44,849
Col. Albemarle	132,914	-	-	5,268	-	-	52,969	74,677
Craven CC	127,058	-	-	-	-	3,669	83,385	40,004
Davidson Co. CC	211,332	-	-	-	-	85,340	99,766	26,226
Durham TCC	225,312	-	-	-	-	77,534	50,082	97,696
Edgecombe CC	144,858	-	37,209	-	-	-	65,649	42,000
Fayettev'le TCC	404,172	-	-	-	-	166,963	136,492	100,717
Forsyth TCC	383,785	-	-	-	78,490	174,698	63,131	67,466
Gaston Col.	276,234	-	-	-	-	141,440	103,831	30,963
Guilford TCC	578,191	1,931	46,620	18,000	88,325	129,760	187,143	106,412
Halifax CC	119,225	-	-	-	-	-	79,607	39,618
Haywood CC	234,781	-	-	17,354	-	30,072	145,164	42,191
Isothermal CC	216,073	-	6,448	-	-	57,962	119,876	31,787
J. Sprunt CC	114,561	-	-	-	-	24,245	76,630	13,686
Johnston CC	135,885	-	-	-	4,697	-	86,523	44,665
Lenoir CC	203,548	-	-	-	10,622	41,534	142,746	8,646
Martin CC	151,265	-	-	-	-	-	131,825	19,440
Mayland CC	96,568	-	17,400	-	-	-	34,665	44,503
McDowell TCC	92,006	-	-	-	-	30,104	35,658	26,244
Mitchell CC	250,997	31,767	86,106	24,717	-	32,819	75,588	-
Montgomery CC	69,786	-	-	-	-	-	64,090	5,696
Nash CC	177,684	-	-	-	-	-	72,759	104,925
Pamlico CC	40,198	-	-	-	-	-	40,198	-
Piedmont CC	117,486	-	-	-	-	-	88,429	29,057
Pitt CC	177,554	-	-	-	-	87,185	50,360	40,009
Randolph CC	179,677	-	-	-	-	44,387	76,333	58,957
Richmond CC	150,310	-	-	-	2,680	56,560	34,785	56,294
Roanoke-Cho. CC	119,175	-	-	-	-	9,633	51,624	57,918
Robeson CC	222,575	-	3,855	11,750	7,955	10,298	79,893	108,824
Rockingham CC	268,569	-	-	-	-	148,238	63,283	57,048
Rowan-Cab. CC	191,582	-	12,132	-	-	82,925	96,525	-
Sampson CC	117,646	-	-	-	-	2,381	51,865	63,400
Sandhills CC	213,963	-	-	-	-	128,165	63,157	22,641
Southeastern CC	161,785	-	-	-	-	77,323	66,014	18,448
Southwestern CC	190,448	-	-	-	-	-	75,826	114,622
Stanly CC	100,311	-	-	-	-	14,131	44,245	41,935
Surry CC	182,076	-	-	-	-	66,452	100,254	15,370
Tri-County CC	92,769	-	-	18,334	-	9,720	17,520	47,195
Vance-Granv. CC	166,486	-	-	-	-	-	127,779	38,707
Wake TCC	357,100	-	-	-	-	96,486	111,423	149,191
Wayne CC	167,128	-	-	1,666	36,417	62,104	65,941	-
W. Piedmont CC	149,169	-	-	-	-	72,716	54,469	21,984
Wilkes CC	202,150	-	-	-	-	98,598	57,322	46,230
Wilson Co. TC	160,580	-	-	-	27,384	61,420	31,340	40,436
TOTAL	11,729,474	52,368	342,467	221,165	365,970	2,787,333	5,128,170	2,832,001

TABLE 22:
CONDITION OF BUILDINGS

The condition of campus buildings has been a matter of increasing concern to college and university administrators. As institutional budgets tightened during the 1970's, several institutions attempted to economize by deferring the maintenance of facilities. Many institutions have continued this policy through the 1980's. As a result, some colleges and universities now have buildings which are in such poor condition that they can no longer satisfactorily support the programs for which they were intended. Increasing costs of new construction have made proper maintenance of campus physical plants even more important.

The data in Table 22 are based on the assessment of building conditions by the facilities project officers at the institutions. Although few of them are architects or engineers, they generally have (or have access to) sufficient information about the condition of their institutions' facilities to be able to accurately assign a condition code to each campus building. In those cases where campus Project Officers do not have this information, they are encouraged to consult qualified physical plant personnel each year for assignment of a condition code. These codes are defined on the following page.

The sum of the percentages for each institution should in theory add to exactly 100.0, but in some cases they do not because of rounding.

BUILDING CONDITION

1. Definition. The physical status and quality of the building at the time of the inventory, based on the best judgment of those responsible for campus development.

2. Description. This building characteristic has the following categories:

1 - Satisfactory

Suitable for continued use with normal maintenance.

2 - Remodeling A

Requires restoration to present acceptable standards without major room use changes, alterations, or modernizations. The approximate cost of "Remodeling A" is not greater than 25% of the estimated replacement cost of the building.

3 - Remodeling B

Requires major updating and/or modernization of the building. The approximate cost of "Remodeling B" is greater than 25%, but not greater than 50% of the estimated replacement cost of the building.

4 - Remodeling C

Requires major remodeling of the building. The approximate cost of "Remodeling C" is greater than 50% of the replacement cost of the building.

5 - Demolition

Should be demolished or abandoned because the building is unsafe or structurally unsound, irrespective of the need for the space or the availability of funds for a replacement. If a building is scheduled for demolition, its condition is recorded as "demolition," regardless of true condition.

6 - Termination

Planned termination or relinquishment of occupancy of the building for reasons other than unsafeness or structural unsoundness, such as abandonment of temporary units or vacation of leased space. If a building is scheduled for termination, its condition is recorded as "termination," regardless of true condition.

Condition of Buildings

Table 22

INSTITUTION	Satisfactory Gross Sq. Ft.	%	Remodeling A Gross Sq. Ft.	%	Remodeling B Gross Sq. Ft.	%	Remodeling C Gross Sq. Ft.	%	Demolition Gross Sq. Ft.	%	Termination Gross Sq. Ft.	%	Total Gross Square Feet
Major Research Universities:													
NC State	1,625,776	24.6	3,606,541	54.5	1,090,440	16.5	227,735	3.4	69,131	1.0	-	-	6,619,623
NC State Vet	358,854	96.3	-	-	13,753	3.7	-	-	-	-	-	-	372,607
UNC-Chapel Hill	3,409,176	49.7	2,230,692	32.5	602,583	8.8	508,439	7.4	100,008	1.5	10,961	0.2	6,861,859
UNC-Health Aff.	1,863,425	71.7	348,284	13.4	203,717	7.8	51,633	2.0	16,397	0.6	116,576	4.5	2,600,032
SUBTOTAL	7,257,231	44.1	6,185,517	37.6	1,910,493	11.6	787,807	4.8	185,536	1.1	127,537	0.8	16,454,121
Other Doctoral Universities:													
UNC-Greensboro	152,499	5.8	1,125,231	42.6	472,378	17.9	862,822	32.7	6,482	0.2	21,774	0.8	2,641,186
Comprehensive Universities:													
Appalachian	2,185,408	80.3	383,524	14.1	135,668	5.0	17,890	0.7	-	-	-	-	2,722,490
East Carolina	1,899,540	66.1	881,558	30.7	93,095	3.2	-	-	-	-	1,440	0.1	2,876,633
ECU-Health Aff.	596,064	95.9	20,550	3.3	-	-	-	-	-	-	4,996	0.8	621,610
Fayetteville	451,192	53.6	235,621	28.0	154,605	18.4	-	-	-	-	-	-	841,418
NC A & T	991,624	48.1	927,650	45.0	119,549	5.8	16,177	0.8	5,910	0.3	-	-	2,060,910
NC Central	1,025,741	66.1	257,097	16.6	223,477	14.4	40,437	2.6	4,379	0.3	-	-	1,551,131
UNC-Charlotte	2,129,717	93.5	148,207	6.5	-	-	-	-	-	-	-	-	2,277,924
UNC-Wilmington	1,016,113	81.4	222,894	17.9	660	0.1	8,000	0.6	1,000	0.1	-	-	1,248,667
West'n Carolina	1,527,672	68.2	450,819	20.1	192,112	8.6	69,886	3.1	-	-	-	-	2,240,489
SUBTOTAL	11,823,071	71.9	3,527,920	21.5	919,166	5.6	152,390	0.9	11,289	0.1	6,436	<0.1	16,440,272
Gen. Baccalaureate Universities:													
Elizabeth City	308,155	42.1	244,168	33.4	136,536	18.7	42,839	5.9	-	-	-	-	731,698
Pembroke	602,386	88.2	64,891	9.5	2,720	0.4	12,892	1.9	-	-	-	-	682,888
UNC-Asheville	281,912	44.8	10,662	1.7	107,109	17.0	229,632	36.5	-	-	-	-	629,315
Winston-Salem	523,060	61.2	277,097	32.4	53,831	6.3	-	-	-	-	-	-	853,988
SUBTOTAL	1,715,512	59.2	596,818	20.6	300,196	10.4	285,363	9.8	-	-	-	-	2,897,889
Specialized Institution:													
NC Sch. of Arts	448,434	74.5	27,768	4.6	93,299	15.5	32,656	5.4	-	-	-	-	602,157
Teaching Hospital:													
N. C. Mem. Hosp.	1,236,581	100.0	-	-	-	-	-	-	-	-	-	-	1,236,581
Community Colleges:													
SUBTOTAL	10,776,778	91.9	460,980	3.9	202,698	1.7	145,073	1.2	6,488	0.1	137,457	1.2	11,729,474
PRIVATE INSTITUTIONS													
Major Research Universities:													
SUBTOTAL	12,405,898	99.1	46,468	0.4	57,384	0.5	4,753	<0.1	8,682	0.1	-	-	12,523,185
Gen. Baccalaureate Colleges:													
SUBTOTAL	13,470,955	89.5	1,243,352	8.3	200,376	1.3	63,445	0.4	58,582	0.4	19,615	0.1	15,056,325
Junior Colleges:													
SUBTOTAL	1,791,064	98.4	11,648	0.6	16,814	0.9	-	-	-	-	-	-	1,819,526
GRAND TOTAL	61,078,023	75.0	13,225,702	16.2	4,172,804	5.1	2,334,309	2.9	277,059	0.3	312,819	0.4	81,400,716

Condition of Buildings

Table 22

INSTITUTION	Satisfactory Gross Sq. Ft.	Satisfactory %	Remodeling A Gross Sq. Ft.	Remodeling A %	Remodeling B Gross Sq. Ft.	Remodeling B %	Remodeling C Gross Sq. Ft.	Remodeling C %	Demolition Gross Sq. Ft.	Demolition %	Termination Gross Sq. Ft.	Termination %	Total Gross Square Feet
Community Colleges:													
Alamance CC	157,002	100.0	-	-	-	-	-	-	-	-	-	-	157,002
Anson CC	8,638	12.4	37,947	54.6	15,350	22.1	5,388	7.8	2,137	3.1	-	-	69,460
Asheville-Bun. TCC	281,626	82.7	50,917	15.0	7,797	2.3	-	-	-	-	-	-	340,340
Beaufort Co. CC	128,848	100.0	-	-	-	-	-	-	-	-	-	-	128,848
Bladen CC	98,931	95.7	3,841	3.7	600	0.6	-	-	-	-	-	-	103,372
Blue Ridge CC	163,140	100.0	-	-	-	-	-	-	-	-	-	-	163,140
Brunswick CC	91,958	85.3	950	0.9	5,484	5.1	5,976	5.5	3,487	3.2	-	-	107,855
Caldwell CC & TI	168,574	100.0	-	-	-	-	-	-	-	-	-	-	168,574
Cape Fear CC	198,389	100.0	-	-	-	-	-	-	-	-	-	-	198,389
Carteret CC	90,736	58.6	47,517	30.7	6,000	3.9	10,483	6.8	-	-	-	-	154,736
Catawba Vy. CC	274,863	100.0	-	-	-	-	-	-	-	-	-	-	274,863
C. Carolina CC	157,843	100.0	-	-	-	-	-	-	-	-	-	-	157,843
C. Piedmont CC	805,878	63.7	223,114	17.6	137,070	10.8	99,279	7.8	-	-	-	-	1,265,341
Cleveland CC	150,014	100.0	-	-	-	-	-	-	-	-	-	-	150,014
Coastal Car. CC	214,716	100.0	-	-	-	-	-	-	-	-	-	-	214,716
Col. Albemarle	127,646	96.0	-	-	-	-	5,268	4.0	-	-	-	-	132,914
Craven CC	127,058	100.0	-	-	-	-	-	-	-	-	-	-	127,058
Davidson Co. CC	211,332	100.0	-	-	-	-	-	-	-	-	-	-	211,332
Durham TCC	225,312	100.0	-	-	-	-	-	-	-	-	-	-	225,312
Edgecombe CC	144,858	100.0	-	-	-	-	-	-	-	-	-	-	144,858
Fayettev'le TCC	396,972	98.2	7,200	1.8	-	-	-	-	-	-	-	-	404,172
Forsyth TCC	383,785	100.0	-	-	-	-	-	-	-	-	-	-	383,785
Gaston Col.	276,234	100.0	-	-	-	-	-	-	-	-	-	-	276,234
Guilford TCC	578,191	100.0	-	-	-	-	-	-	-	-	-	-	578,191
Halifax CC	119,225	100.0	-	-	-	-	-	-	-	-	-	-	119,225
Haywood CC	206,927	88.1	23,754	10.1	4,100	1.7	-	-	-	-	-	-	234,781
Isothermal CC	216,073	100.0	-	-	-	-	-	-	-	-	-	-	216,073
J. Sprunt CC	112,017	97.8	-	-	-	-	600	0.5	-	-	1,944	1.7	114,561
Johnston CC	135,885	100.0	-	-	-	-	-	-	-	-	-	-	135,885
Lenoir CC	203,548	100.0	-	-	-	-	-	-	-	-	-	-	203,548
Martin CC	151,265	100.0	-	-	-	-	-	-	-	-	-	-	151,265
Mayland CC	79,168	82.0	17,400	18.0	-	-	-	-	-	-	-	-	96,568
McDowell TCC	92,006	100.0	-	-	-	-	-	-	-	-	-	-	92,006
Mitchell CC	243,540	97.0	4,483	1.8	2,974	1.2	-	-	-	-	-	-	250,997
Montgomery CC	69,786	100.0	-	-	-	-	-	-	-	-	-	-	69,786
Nash CC	177,684	100.0	-	-	-	-	-	-	-	-	-	-	177,684
Pamlico CC	40,198	100.0	-	-	-	-	-	-	-	-	-	-	40,198
Piedmont CC	117,486	100.0	-	-	-	-	-	-	-	-	-	-	117,486
Pitt CC	160,298	90.3	-	-	-	-	-	-	-	-	17,256	9.7	177,554
Randolph CC	179,677	100.0	-	-	-	-	-	-	-	-	-	-	179,677
Richmond CC	150,319	100.0	-	-	-	-	-	-	-	-	-	-	150,319
Roanoke-Cho. CC	109,542	91.9	-	-	-	-	-	-	-	-	9,633	8.1	119,175
Robeson CC	199,015	89.4	-	-	-	-	-	-	-	-	23,560	10.6	222,575
Rockingham CC	268,569	100.0	-	-	-	-	-	-	-	-	-	-	268,569
Rowan-Cab. CC	191,582	100.0	-	-	-	-	-	-	-	-	-	-	191,582
Sampson CC	87,920	74.7	29,726	25.3	-	-	-	-	-	-	-	-	117,646
Sandhills CC	213,963	100.0	-	-	-	-	-	-	-	-	-	-	213,963
Southeastern CC	161,785	100.0	-	-	-	-	-	-	-	-	-	-	161,785
Southwestern CC	190,448	100.0	-	-	-	-	-	-	-	-	-	-	190,448
Stanly CC	76,501	76.3	14,131	14.1	-	-	9,679	9.6	-	-	-	-	100,311
Surry CC	182,076	100.0	-	-	-	-	-	-	-	-	-	-	182,076
Tri-County CC	76,964	83.0	-	-	6,541	7.1	8,400	9.1	864	0.9	-	-	92,769
Vance-Granv. CC	166,486	100.0	-	-	-	-	-	-	-	-	-	-	166,486
Wake TCC	357,100	100.0	-	-	-	-	-	-	-	-	-	-	357,100
Wayne CC	65,282	39.1	-	-	16,782	10.0	-	-	-	-	85,064	50.9	167,128
W. Piedmont CC	149,169	100.0	-	-	-	-	-	-	-	-	-	-	149,169
Wilkes CC	202,150	100.0	-	-	-	-	-	-	-	-	-	-	202,150
Wilson Co. TC	160,580	100.0	-	-	-	-	-	-	-	-	-	-	160,580
TOTAL	10,776,778	91.9	460,980	3.9	202,698	1.7	145,073	1.2	6,488	0.1	137,457	1.2	11,729,474

TABLE 23:
ESTIMATED COST TO RENOVATE OR REPLACE UNSATISFACTORY FACILITIES

The common practice of deferring standard maintenance of college and university facilities has forced many institutions to face the prospect of extensive renovations and the total replacement of some buildings. On a national level, the cost of bringing buildings to a satisfactory condition and replacing inadequate facilities has been recently estimated at over $60 billion.

Table 23 estimates the costs of bringing all campus buildings to a satisfactory condition by renovating unsatisfactory facilities and replacing buildings which are designated for demolition due to their unsafe condition or which will be vacated by institutions for any other reason. It does not estimate the cost of new construction required by any inadequacies in the amount of space.

These estimates were calculated by taking the estimated replacement value of each unsatisfactory building and multiplying it by the appropriate "cost midpoint" based on the condition of the building. (See Table 19 for a discussion of estimated replacement values and Table 22 for definitions of condition codes.)

The cost midpoints used in generating the estimates for Table 23 are as follows:

Condition	Cost Midpoint
Remodeling A	20%
Remodeling B	37.5%
Remodeling C	75%
Demolition	100%
Termination	100%

Thus, for example, if a building in Remodeling A condition has an estimated replacement value of $1,000,000, the cost to bring it to satisfactory condition would be estimated to be $200,000.

Beginning last year, previous year figures for these estimates have been replaced with current year dollar figures for total campus original building cost, estimated replacement cost and renovation/replacement needs.

Table 23

Estimated Cost to Renovate or Replace Unsatisfactory Facilities

INSTITUTION	Original Building Cost	Estimated Replacement Cost	Estimated Cost of Restoring Facilities to Satisfactory Condition
Major Research Universities:			
NC State	$ 131,559,324	$ 431,919,813	$ 87,080,201
NC State Vet.	23,846,176	30,975,212	144,549
UNC-Chapel Hill	185,627,400	725,201,201	132,977,407
UNC-Health Aff.	90,281,537	323,807,601	35,569,266
SUBTOTAL	431,314,437	1,511,903,827	255,771,423
Other Doctoral Universities:			
UNC-Greensboro	52,031,315	170,456,815	70,768,326
Comprehensive Universities:			
Appalachian	71,961,508	188,798,498	8,495,264
East Carolina	59,178,597	185,764,214	13,528,521
ECU-Health Aff.	38,934,147	52,560,302	407,347
Fayetteville	25,891,571	58,884,752	6,878,852
NC A & T	50,154,971	138,419,047	14,985,445
NC Central	39,714,075	105,547,675	10,924,843
UNC-Charlotte	77,092,923	166,729,669	2,752,914
UNC-Wilmington	47,307,531	89,933,222	4,385,100
West'n Carolina	57,370,947	150,633,767	14,230,047
SUBTOTAL	467,606,270	1,137,271,146	76,588,333
Gen. Baccalaureate Universities:			
Elizabeth City	20,237,591	51,612,219	9,155,666
Pembroke	19,586,045	46,724,590	1,441,573
UNC-Asheville	25,422,563	41,646,188	13,254,727
Winston-Salem	23,768,447	57,677,749	4,938,193
SUBTOTAL	89,014,646	197,660,746	28,790,159

Table 23

Estimated Cost to Renovate or Replace Unsatisfactory Facilities

INSTITUTION	Original Building Cost	Estimated Replacement Cost	Estimated Cost of Restoring Facilities to Satisfactory Condition
Specialized Institution:			
NC Sch. of Arts	$ 17,218,304	$ 47,198,800	$ 4,470,274
Teaching Hospital:			
NC Mem. Hosp.	61,731,405	132,670,755	-
Community Colleges:			
SUBTOTAL	338,152,583	718,893,558	24,945,853
	PRIVATE INSTITUTIONS		
Major Research Universities:			
SUBTOTAL	481,450,679	1,030,785,959	8,870,771
Gen. Baccalaureate Colleges:			
SUBTOTAL	291,236,756	1,003,208,558	28,291,739
Junior Colleges:			
SUBTOTAL	31,851,934	119,153,956	628,443
GRAND TOTAL	$2,261,608,329	$6,069,204,120	$499,125,321

Table 23

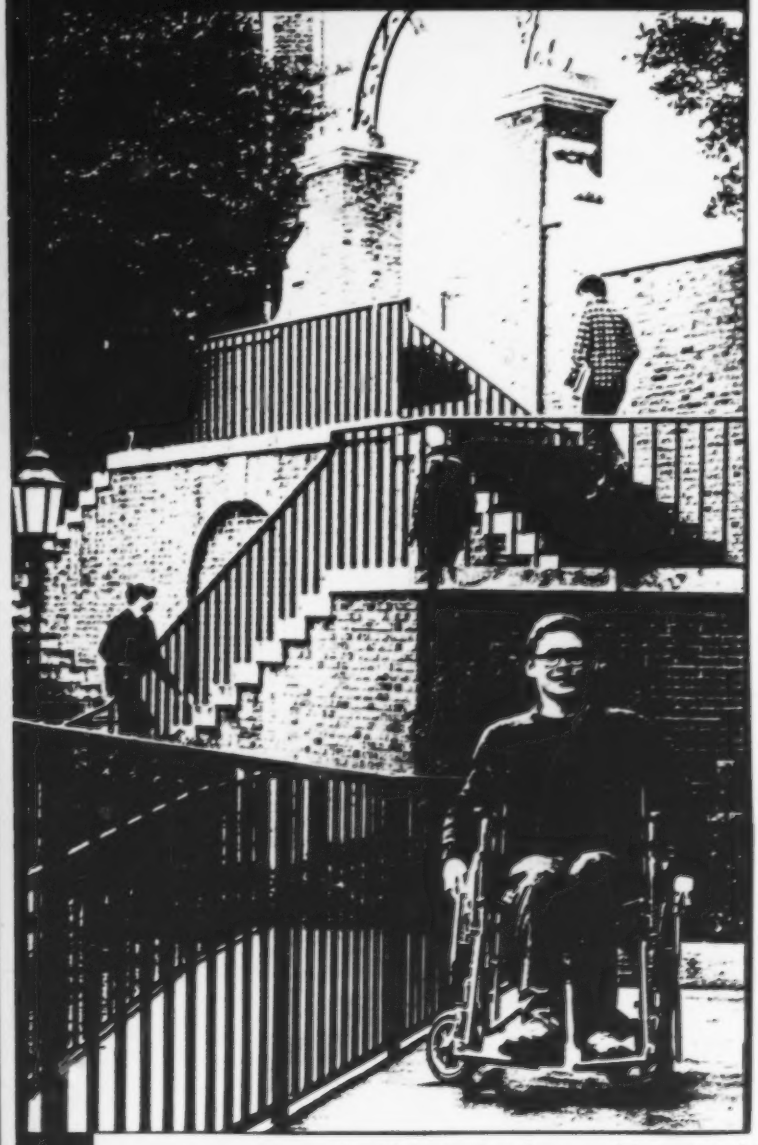
Estimated Cost to Renovate or Replace Unsatisfactory Facilities

INSTITUTION	Original Building Cost	Estimated Replacement Cost	Estimated Cost of Restoring Facilities to Satisfactory Condition
Community Colleges:			
Alamance CC	$ 6,196,312	$ 13,368,094	$ -
Anson CC	1,150,000	4,089,328	1,192,624
Asheville-Bun. TCC	9,023,879	21,863,268	852,424
Beaufort Co. CC	3,691,187	7,125,092	-
Bladen CC	2,797,818	6,149,362	9,068
Blue Ridge CC	6,274,436	9,998,814	-
Brunswick CC	3,099,272	5,174,127	454,525
Caldwell CC & TI	4,876,053	11,839,378	-
Cape Fear CC	4,951,014	15,116,970	-
Carteret CC	4,974,455	11,041,744	956,479
Catawba Vy. CC	8,560,568	18,459,455	-
C. Carolina CC	5,842,183	11,151,586	-
C. Piedmont CC	19,590,530	53,152,576	11,626,767
Cleveland CC	6,156,896	10,027,762	-
Coastal Car. CC	9,862,528	15,954,303	-
Col. Albemarle	4,120,940	7,883,104	275,855
Craven CC	3,316,684	7,943,679	-
Davidson Co. CC	5,949,765	13,540,401	-
Durham TCC	7,146,311	13,777,685	-
Edgecombe CC	4,155,300	8,916,929	-
Fayettev'le TCC	11,641,365	23,882,499	66,119
Forsyth TCC	8,962,924	26,496,682	-
Gaston Col.	8,012,969	18,551,476	-
Guilford TCC	14,468,220	39,810,838	-
Halifax CC	3,872,903	5,730,597	-
Haywood CC	6,764,429	12,934,744	354,341
Isothermal CC	7,379,512	12,910,181	-
J. Sprunt CC	3,096,076	6,705,022	43,625
Johnston CC	4,366,650	7,854,200	-
Lenoir CC	5,634,236	12,772,458	-

Table 23

Estimated Cost to Renovate or Replace Unsatisfactory Facilities

INSTITUTION	Original Building Cost	Estimated Replacement Cost	Estimated Cost of Restoring Facilities to Satisfactory Condition
Community Colleges:			
Martin CC	2,807,675	7,363,687	-
Mayland CC	4,375,223	6,863,862	225,159
McDowell TCC	3,976,052	6,852,039	-
Mitchell CC	3,862,528	14,405,022	111,043
Montgomery CC	2,300,126	3,734,339	-
Nash CC	7,023,010	9,719,166	-
Pamlico CC	1,528,200	3,426,544	-
Piedmont CC	5,610,180	8,472,149	-
Pitt CC	4,580,860	11,059,527	796,520
Randolph CC	5,408,103	10,720,196	-
Richmond CC	4,871,574	10,000,944	-
Roanoke-Cho. CC	4,679,094	8,117,418	588,772
Robeson CC	9,022,000	15,000,104	1,535,070
Rockingham CC	9,037,674	17,494,391	-
Rowan-Cab. CC	3,622,700	11,858,959	-
Sampson CC	4,797,302	6,888,264	467,949
Sandhills CC	4,787,386	12,404,436	-
Southeastern CC	3,871,309	9,779,302	-
Southwestern CC	8,827,721	12,097,468	-
Stanly CC	3,346,302	6,399,325	588,675
Surry CC	5,436,344	11,109,512	-
Tri-County CC	3,090,673	5,948,052	530,318
Vance-Granv. CC	7,644,497	12,674,611	-
Wake TCC	11,164,207	20,459,703	-
Wayne CC	2,650,641	8,870,917	4,270,520
W. Piedmont CC	3,910,241	10,047,391	-
Wilkes CC	5,668,467	11,825,480	-
Wilson Co. TC	4,317,079	11,078,396	-
TOTAL	$338,152,583	$718,893,558	$24,945,853



When the Wake Forest campus was built in the early 1950's, several hundred external steps and stairs were added for architectural beauty. For the handicapped who can be kept down by a single step, they were seen differently. Since 1978, Wake Forest has spent more than $150,000 to make the campus accessible to the mobility impaired. Curbs have been cut, more than 40 ramps installed, and restrooms and dormitories modified to meet these special needs. The Community Development Program of Winston-Salem assisted with two $5,000 grants and the city also donated an automatic lift which enables mobility-impaired students and staff to enter the chapel from the lower floor.

In its commitment to equal program and activity opportunity for all, Wake Forest, since the late 1970's, has moved from an "as needed" to a "total accessibility" philosophy for the campus. Examples include a special area for the handicapped on the 30-yard line at Groves Stadium; a hydraulic lift in the gym, which enables quadriplegics to enjoy the swimming pool; and special showers and dressing tables which add convenience and privacy. The University has also won two city awards for barrier removal and employment of the handicapped.

Architectural stairway with ramp addition, Wake Forest University

Accessibility of Facilities to the Mobility Impaired

Accessible Area as a Percentage of Assignable 169
Accessible Area by Programs and Subprograms 175
Accessible Area by Room Code 193

TABLE 24:
ACCESSIBLE AREA AS A PERCENTAGE OF ASSIGNABLE

The Rehabilitation Act of 1973 focused national attention on the rights of handicapped persons. Section 504 of the Act states that "no otherwise qualified handicapped individual in the United States . . . shall, solely by reason of his handicap, be excluded from the participation in, be denied the benefits of, or be subjected to discrimination under any program or activity receiving Federal financial assistance."

One of the groups protected by Section 504 is the people who are confined to wheelchairs or whose mobility is otherwise impaired. Although Section 504 does not require that colleges and universities make all of their facilities barrier-free, it does require that the institution's programs be made accessible to the handicapped. Although program accessibility can be partially achieved through changes other than facilities modifications, the amount of assignable space which is accessible to the mobility impaired is a factor which must be carefully considered in making programs accessible.

The National Center for Education Statistics conducted a survey in 1978 to determine the impact of Section 504 on colleges and universities. One of the findings of the survey was that about 76% of the assignable area on college and university campuses would need to be made accessible in order to comply with the program accessibility requirement of Section 504. The survey also found, however, that this percentage varied greatly among different institutions.

For purposes of this study, assignable space is considered to be accessible if a person in a wheelchair can, without assistance, reach that space from immediately outside the building in which the space is located.

Table 24

Accessible Area As a Percentage of Assignable

INSTITUTION	Total Assignable Sq. Ft.	Total Accessible Sq. Ft.	Percent Accessible 1988	1987	1986	1985	1984
Major Research Universities:							
NC State	4,128,670	2,192,126	53.1	52.9	54.1	57.2	56.7
NC State Vet.	222,776	198,942	89.3	89.3	88.0	87.6	87.3
UNC-Chapel Hill	4,542,315	2,681,944	59.0	58.6	51.9	56.0	55.7
UNC-Health Aff.	1,226,983	1,084,056	88.4	86.2	84.0	84.7	82.0
SUBTOTAL	10,120,744	6,157,068	60.8	60.2	57.5	60.8	61.0
Other Doctoral Universities:							
UNC-Greensboro	1,712,196	1,039,937	60.7	59.2	59.1	56.5	54.1
Comprehensive Universities:							
Appalachian	1,891,744	1,045,659	55.3	53.0	51.6	51.5	50.8
East Carolina	2,019,414	972,534	48.2	44.8	44.8	43.5	43.6
ECU-Health Aff.	387,140	362,609	93.7	94.0	94.0	94.0	94.0
Fayetteville	556,573	267,075	48.0	47.9	40.8	40.8	-
NC A & T	1,427,148	710,124	49.8	47.6	46.2	45.2	45.2
NC Central	1,013,315	403,795	39.8	39.9	40.0	40.0	33.3
UNC-Charlotte	1,476,259	1,252,995	84.9	84.9	83.8	83.8	82.8
UNC-Wilmington	847,915	505,232	59.6	57.5	52.4	51.6	-
West'n Carolina	1,528,712	995,418	65.1	65.6	65.7	63.6	63.8
SUBTOTAL	11,148,220	6,515,441	58.4	57.3	56.0	55.2	55.2
Gen. Baccalaureate Universities:							
Elizabeth City	518,902	346,901	66.9	64.2	60.8	56.9	56.2
Fayetteville	-	-	-	-	-	-	40.8
Pembroke	462,588	283,452	61.3	61.0	54.1	54.1	54.1
UNC-Asheville	421,790	347,613	82.4	78.0	73.9	71.9	71.1
UNC-Wilmington	-	-	-	-	-	-	50.7
Winston-Salem	579,028	318,547	55.0	55.0	41.8	41.8	41.8
SUBTOTAL	1,982,308	1,296,513	65.4	63.4	55.8	54.4	51.1

Table 24

Accessible Area As a Percentage of Assignable

INSTITUTION	Total Assignable Sq. Ft.	Total Accessible Sq. Ft.	Percent Accessible 1988	1987	1986	1985	1984
Specialized Institution:							
NC Sch. of Arts	412,689	292,542	70.9	62.8	62.9	62.6	62.6
Teaching Hospital:							
NC Mem. Hosp.	706,277	701,286	99.3	99.3	92.2	90.5	90.2
Community Colleges:							
SUBTOTAL	8,151,237	7,553,900	92.7	91.2	90.4	90.2	90.4
		PRIVATE INSTITUTIONS					
Major Research Universities:							
SUBTOTAL	7,278,731	4,844,186	66.6	64.4	61.4	61.1	6.7
Gen. Baccalaureate Colleges:							
SUBTOTAL	10,665,470	4,253,035	39.9	40.0	38.1	37.4	35.1
Junior Colleges:							
SUBTOTAL	1,277,604	598,813	46.9	44.8	44.3	44.5	43.7
GRAND TOTAL	53,455,476	33,252,721	62.2	60.9	58.5	58.6	57.3

Table 24

Accessible Area As a Percentage of Assignable

INSTITUTION	Total Assignable Sq. Ft.	Total Accessible Sq. Ft.	Percent Accessible 1988	1987	1986	1985	1984
Community Colleges:							
Alamance CC	105,791	104,959	99.2	99.2	99.2	99.2	99.1
Anson CC	50,672	40,976	80.9	79.6	84.2	84.6	87.4
Ashev'le-Bun. TCC	237,865	184,579	77.6	75.6	72.9	72.9	73.0
Beaufort Co. CC	100,203	92,312	92.1	91.3	91.3	90.0	89.7
Bladen CC	78,917	76,011	96.3	95.9	95.9	96.3	96.1
Blue Ridge CC	123,111	122,549	99.5	99.4	99.3	99.3	94.2
Brunswick CC	83,188	67,423	81.0	74.6	73.3	72.7	72.3
Caldwell CC & TI	128,520	118,449	92.2	92.2	91.8	91.8	91.8
Cape Fear CC	136,896	133,142	97.3	97.3	97.3	91.4	91.5
Carteret CC	118,035	104,949	88.9	82.8	81.7	94.6	94.7
Catawba Vy. CC	203,479	177,537	87.3	72.1	72.1	72.1	72.0
C. Carolina CC	121,715	119,133	97.9	97.9	97.5	97.6	97.2
C. Piedmont CC	486,514	457,129	94.0	92.4	92.1	92.2	95.5
Cleveland CC	111,930	110,136	98.4	95.6	95.6	95.6	95.6
Coastal Car. CC	155,551	155,551	100.0	100.0	100.0	100.0	100.0
Col. Albemarle	94,999	94,899	99.9	99.9	99.9	99.9	99.9
Craven CC	91,657	91,089	99.4	99.4	99.4	99.4	99.4
Davidson Co. CC	146,941	144,613	98.4	99.7	99.7	99.7	99.7
Durham TCC	162,162	154,124	95.0	94.9	94.2	94.2	88.2
Edgecombe CC	93,163	76,244	81.8	81.8	79.4	76.8	76.5
Fayettev'le TCC	290,858	267,863	92.1	90.2	89.9	90.2	90.1
Forsyth TCC	284,443	278,904	98.1	98.1	98.0	98.0	96.8
Gaston Col.	192,544	179,098	93.0	93.0	93.0	92.9	93.1
Guilford TCC	411,243	323,667	78.7	69.6	67.7	66.6	64.8
Halifax CC	88,049	87,325	99.2	99.2	97.6	95.8	95.8
Haywood CC	183,400	161,921	88.3	88.3	88.1	88.1	88.0
Isothermal CC	164,330	139,615	85.0	82.6	82.6	81.8	81.6
J. Sprunt CC	85,316	80,657	94.5	91.1	90.1	90.1	90.1
Johnston CC	105,704	103,982	98.4	99.6	98.3	98.3	98.1
Lenoir CC	160,033	157,182	98.2	98.1	97.3	97.2	97.2

Table 24

Accessible Area As a Percentage of Assignable

INSTITUTION	Total Assignable Sq. Ft.	Total Accessible Sq. Ft.	Percent Accessible 1988	1987	1986	1985	1984
Community Colleges:							
Martin CC	110,951	108,464	97.8	97.8	97.8	97.8	97.7
Mayland CC	71,017	60,386	85.0	92.1	98.1	98.1	98.1
McDowell TCC	69,553	66,816	96.1	96.1	88.7	88.7	88.7
Mitchell CC	181,016	149,492	82.6	82.6	78.1	78.1	78.0
Montgomery CC	47,807	47,531	99.4	99.4	99.4	99.4	99.4
Nash CC	127,992	120,760	94.3	85.7	87.3	84.9	85.5
Pamlico CC	28,725	27,496	95.7	95.7	95.7	95.7	95.7
Piedmont CC	98,408	97,173	98.7	97.4	97.3	97.3	97.3
Pitt CC	132,619	120,890	91.2	90.5	88.6	88.6	88.6
Randolph CC	142,052	142,052	100.0	100.0	100.0	100.0	100.0
Richmond CC	109,208	99,291	90.9	88.7	87.7	87.7	87.7
Roanoke-Cho. CC	83,752	80,332	95.9	95.9	87.5	87.1	87.1
Robeson CC	168,050	161,902	96.3	97.7	95.4	95.4	95.4
Rockingham CC	194,567	184,176	94.7	93.5	93.4	93.4	93.4
Rowan-Cab. CC	146,324	146,324	100.0	100.0	97.1	97.1	97.4
Sampson CC	87,739	86,079	98.1	96.8	93.2	93.2	93.3
Sandhills CC	156,515	144,445	92.3	92.3	91.7	91.7	91.7
Southeastern CC	119,965	96,372	80.3	80.3	80.8	78.7	78.7
Southwestern CC	138,071	135,096	97.8	96.6	96.3	96.3	96.3
Stanly CC	73,833	73,803	100.0	100.0	99.9	90.1	85.7
Surry CC	133,845	125,179	93.5	93.0	93.0	93.0	93.0
Tri-County CC	73,119	70,240	96.1	96.1	95.5	95.5	95.6
Vance-Granv. CC	105,977	102,389	96.6	88.3	88.3	87.2	87.2
Wake TCC	252,743	227,811	90.1	87.3	85.5	85.5	85.5
Wayne CC	132,909	120,376	90.6	91.3	91.4	91.3	91.1
W. Piedmont CC	103,760	96,154	92.7	92.7	92.7	92.7	92.0
Wilkes CC	149,518	144,664	96.8	96.8	96.8	97.1	97.1
Wilson Co. TC	113,973	112,189	98.4	98.5	98.5	98.4	98.4
TOTAL	8,151,237	7,553,900	92.7	91.2	90.4	90.2	90.4

TABLE 25:
ACCESSIBLE AREA
BY SUMMARY PROGRAMS AND SUBPROGRAMS

The requirement that all colleges and universities make their programs accessible to handicapped persons makes careful planning on the part of campus administrators especially important. Although program accessibility does not require that a campus be barrier-free, the concepts of program accessibility and facilities accessibility are inherently interrelated. Campus administrators must therefore analyze their campus facilities in terms of accessibility, focusing particularly on the kinds of space which are accessible.

Table 25 and Tables 25a-25d indicate for each program and subprogram the percentage of assignable space which is accessible to the mobility impaired. A dash indicates that a particular institution has no assignable space under the indicated program or subprogram. A "0.0" indicates that the institution has *assignable* space under the program and subprogram but that none of it is *accessible*. Definitions of the programs and subprograms listed in these tables can be found in the narratives preceding Tables 14-14d. Subprogram 03 (Building Service) is not included in Table 25d (and is not considered as part of Program 00 in Table 25) because it applies to nonassignable area only.

It is not possible to develop standards to indicate how much accessible space in each program and subprogram is needed to achieve program accessibility. The figures would vary from institution to institution based on the kinds of programmatic changes that had been implemented to assist handicapped persons. For example, the financial aid program at a college or university would be considered accessible if a handicapped student had the same access to the financial aid and related counseling which the institution offered to other students. This could be accomplished without making the space occupied by the financial aid office accessible. Thus, a program or subprogram which has little or no accessible area is not necessarily inaccessible.

Although the data in Table 25 and Tables 25a-25d cannot be used to ascertain whether program accessibility has been achieved, the information does provide facilities planners with a detailed breakdown of the accessible space on their campuses. This will in turn assist each institution in the determination of the most practical means of achieving program accessibility.

Table 25

Accessible Area by Summary Programs

(Percentages relate to assignable space in each program.)

INSTITUTION	Accessible Sq. FT.	Instruction 10	Research 20	Public Serv. 30	Acad. Spt. 40	Stud. Serv. 50	Inst. Admin. 60	Phys. Plt. Opns. 70	Stud. Fin. Spt. 80	Indep. Opns. 90	Unassigned 00
Major Research Universities:											
NC State	2,192,126	66.3	65.8	61.8	85.3	27.3	65.6	62.3	-	27.4	38.4
NC State Vet	198,942	71.1	96.9	99.8	97.0	93.1	100.0	100.0	-	-	-
UNC-Chapel Hill	2,681,944	78.9	88.3	72.3	78.7	35.1	62.8	77.8	-	52.8	41.5
UNC-Health Aff.	1,084,056	85.7	89.1	94.8	90.8	100.0	98.7	90.5	-	81.4	74.9
SUBTOTAL	6,157,068	73.9	78.2	75.9	82.5	31.9	64.6	71.3	-	55.7	46.1
Other Doctoral Universities:											
UNC-Greensboro	1,039,937	83.8	97.8	0.0	95.9	37.4	66.1	91.6	-	-	5.8
Comprehensive Universities:											
Appalachian	1,045,659	73.2	98.2	80.4	92.4	34.3	63.9	63.6	-	100.0	72.9
East Carolina	972,534	75.8	75.5	97.9	97.9	15.2	49.9	53.9	-	100.0	0.0
ECU-Health Aff.	362,609	95.2	100.0	100.0	99.9	44.7	-	11.4	-	-	-
Fayetteville	267,075	63.7	100.0	35.2	84.6	14.0	73.5	26.1	-	0.0	91.9
NC A & T	710,124	65.9	54.6	2.4	74.6	21.8	83.3	81.2	-	0.0	5.1
NC Central	403,795	64.4	6.9	100.0	77.3	13.1	9.9	0.0	-	0.0	3.2
UNC-Charlotte	1,252,995	98.4	100.0	-	100.0	70.6	100.0	100.0	-	-	-
UNC-Wilmington	505,232	83.6	39.5	-	96.0	31.6	58.0	91.6	-	33.1	57.4
West'n Carolina	995,418	84.6	98.4	100.0	98.4	49.1	42.6	44.8	-	24.2	63.1
SUBTOTAL	6,515,441	78.2	69.6	74.8	91.2	33.8	59.4	59.9	-	26.0	55.8
Gen. Baccalaureate Universities:											
Elizabeth City	346,901	89.6	-	100.0	97.7	39.8	69.2	100.0	-	100.0	100.0
Pembroke	283,452	80.3	100.0	100.0	60.9	40.8	68.7	89.7	-	-	-
UNC-Asheville	347,613	85.3	100.0	100.0	99.3	75.4	65.5	100.0	-	87.3	100.0
Winston-Salem	318,547	69.6	31.7	84.9	32.5	44.4	34.0	94.1	-	100.0	85.7
SUBTOTAL	1,296,513	80.6	70.2	99.5	73.1	48.6	59.0	95.5	-	91.1	87.3
Specialized Institution:											
NC Sch. of Arts	292,542	89.2	-	100.0	91.8	36.8	44.2	99.2	-	100.0	100.0
Teaching Hospital:											
N. C. Mem. Hosp.	701,286	100.0	-	99.3	-	-	100.0	100.0	-	-	97.4
Community Colleges:											
SUBTOTAL	7,553,900	92.9	-	92.9	96.0	95.2	89.4	79.5	-	89.0	80.6
PRIVATE INSTITUTIONS											
Major Research Universities:											
SUBTOTAL	4,844,186	79.6	84.6	93.8	89.2	33.6	51.9	44.1	-	81.3	100.0
Gen. Baccalaureate Colleges:											
SUBTOTAL	4,253,035	56.5	55.1	21.2	73.0	31.5	22.0	37.5	-	9.0	10.6
Junior Colleges:											
SUBTOTAL	598,813	61.7	-	0.0	64.6	40.5	25.0	76.1	-	-	1.7
GRAND TOTAL	33,252,721	78.7	80.2	92.0	86.3	36.6	51.2	60.1	-	59.2	50.6

Table 25

Accessible Area by Summary Programs

(Percentages relate to assignable space in each program.)

INSTITUTION	Accessible Sq. FT.	Instruction 10	Research 20	Public Serv. 30	Acad. Spt. 40	Stud. Serv. 50	Inst. Admin. 60	Phys. Plt. Opns. 70	Stud. Fin. Spt. 80	Indep. Opns. 90	Unassigned 00
Community Colleges:											
Alamance CC	104,959	99.8	-	100.0	100.0	100.0	90.8	100.0	-	-	-
Anson CC	40,976	74.6	-	0.0	81.3	96.0	96.7	100.0	-	-	100.0
Asheville-Bun. TCC	184,579	78.5	-	100.0	89.1	100.0	60.8	98.5	-	-	0.0
Beaufort Co. CC	92,312	90.9	-	-	98.9	82.5	100.0	100.0	-	-	-
Bladen CC	76,011	94.7	-	-	100.0	96.3	99.5	100.0	-	100.0	100.0
Blue Ridge CC	122,549	99.4	-	100.0	100.0	100.0	98.5	100.0	-	100.0	99.6
Brunswick CC	67,423	81.2	-	100.0	100.0	91.3	100.0	100.0	-	-	40.1
Caldwell CC & TI	118,449	87.3	-	-	100.0	97.9	100.0	100.0	-	-	-
Cape Fear CC	133,142	97.9	-	100.0	100.0	90.3	99.4	-	-	35.8	-
Carteret CC	104,949	94.9	-	100.0	91.0	94.3	100.0	0.0	-	100.0	0.0
Catawba Vy. CC	177,537	89.3	-	100.0	100.0	100.0	56.0	-	-	-	71.4
C. Carolina CC	119,133	97.6	-	-	98.0	99.8	99.4	97.1	-	-	-
C. Piedmont CC	457,129	93.9	-	100.0	95.3	99.5	87.0	29.5	-	-	100.0
Cleveland CC	110,136	98.2	-	-	100.0	100.0	100.0	24.8	-	-	84.7
Coastal Car. CC	155,551	100.0	-	100.0	100.0	100.0	100.0	100.0	-	-	-
Col. Albemarle	94,899	99.8	-	100.0	100.0	100.0	100.0	100.0	-	-	-
Craven CC	91,089	99.2	-	100.0	100.0	100.0	100.0	-	-	-	-
Davidson Co. CC	144,613	100.0	-	0.0	99.1	98.7	99.6	100.0	-	-	-
Durham TCC	154,124	95.1	-	100.0	100.0	97.7	91.2	78.5	-	100.0	100.0
Edgecombe CC	76,244	77.7	-	-	81.6	96.7	100.0	0.0	-	-	-
Fayettev'le TCC	267,863	92.2	-	100.0	99.1	97.5	85.0	16.1	-	-	95.6
Forsyth TCC	278,904	97.7	-	100.0	98.8	98.9	98.3	100.0	-	100.0	100.0
Gaston Col.	179,098	95.9	-	-	88.0	94.2	64.8	100.0	-	-	100.0
Guilford TCC	323,667	76.8	-	100.0	87.2	86.8	80.9	6.5	-	100.0	100.0
Halifax CC	87,325	100.0	-	100.0	100.0	100.0	96.9	79.2	-	100.0	-
Haywood CC	161,921	84.3	-	100.0	94.4	100.0	100.0	98.8	-	100.0	-
Isothermal CC	139,615	89.9	-	100.0	37.5	74.2	92.1	100.0	-	-	-
J. Sprunt CC	80,657	95.1	-	-	100.0	95.9	100.0	65.3	-	-	-
Johnston CC	103,982	99.7	-	0.0	100.0	100.0	96.9	100.0	-	-	-
Lenoir CC	157,182	97.6	-	100.0	98.9	100.0	100.0	100.0	-	-	-
Martin CC	108,464	98.1	-	-	98.6	96.0	97.7	100.0	-	57.0	-
Mayland CC	60,386	98.1	-	100.0	100.0	100.0	100.0	100.0	-	4.1	56.0
McDowell TCC	66,816	95.6	-	100.0	100.0	97.2	92.4	100.0	-	-	-
Mitchell CC	149,492	92.6	-	-	98.7	68.0	68.4	13.5	-	100.0	49.9
Montgomery CC	47,531	99.6	-	-	97.8	100.0	99.2	100.0	-	-	-
Nash CC	120,760	93.9	-	100.0	93.2	100.0	94.4	100.0	-	-	-
Pamlico CC	27,496	99.9	-	100.0	100.0	100.0	98.1	0.0	-	-	-
Piedmont CC	97,173	97.9	-	99.0	100.0	100.0	99.6	100.0	-	100.0	-
Pitt CC	120,890	89.4	-	100.0	99.3	81.3	88.7	100.0	-	-	0.0
Randolph CC	142,052	100.0	-	-	100.0	100.0	100.0	100.0	-	-	-
Richmond CC	99,291	89.5	-	-	95.1	93.2	100.0	0.0	-	-	100.0
Roanoke-Cho. CC	80,332	100.0	-	100.0	100.0	100.0	99.4	100.0	-	-	64.4
Robeson CC	161,902	97.6	-	-	100.0	87.8	97.6	100.0	-	-	100.0
Rockingham CC	184,176	92.1	-	100.0	100.0	99.1	99.9	100.0	-	-	100.0
Rowan-Cab. CC	146,324	100.0	-	-	100.0	100.0	100.0	100.0	-	-	-
Sampson CC	86,079	96.9	-	-	100.0	100.0	99.3	-	-	-	100.0
Sandhills CC	144,445	94.6	-	0.0	99.8	98.8	59.1	96.3	-	-	-
Southeastern CC	96,372	75.6	-	25.0	84.2	96.9	92.5	100.0	-	-	0.0
Southwestern CC	135,096	100.0	-	-	100.0	100.0	99.3	0.0	-	-	100.0
Stanly CC	73,803	100.0	-	100.0	100.0	100.0	99.5	100.0	-	-	100.0
Surry CC	125,179	91.5	-	100.0	100.0	94.9	96.5	100.0	-	-	100.0
Tri-County CC	70,240	99.1	-	-	82.9	100.0	74.3	-	-	-	-
Vance-Granv. CC	102,389	99.3	-	100.0	100.0	98.1	76.4	100.0	-	-	-
Wake TCC	227,811	91.5	-	-	98.8	89.7	74.6	62.0	-	-	97.5
Wayne CC	120,376	90.1	-	-	89.4	98.1	97.5	100.0	-	-	0.0
W. Piedmont CC	96,154	97.8	-	100.0	91.0	99.6	100.0	4.7	-	-	-
Wilkes CC	144,664	97.7	-	0.0	100.0	92.2	99.6	100.0	-	96.7	-
Wilson Co. TC	112,189	100.0	-	100.0	100.0	96.2	84.4	100.0	-	-	-
TOTAL	7,553,900	92.9	-	92.9	96.0	95.2	89.4	79.5	-	89.0	80.6

Instruction, Research & Public Service Subprograms

(Percentages relate to assignable space in each subprogram.)

Table 25a

INSTITUTION	Gen'l Acad. Instr.	Voc. Tech. Instr.	Prep. Remed. Instr.	Gen'l Studies	Occup. Relatd Instr.	Social Roles Instr.	Home & Family Life	Pers. Int. Leis. Instr.
	11	12	13	14	15	16	17	18
Major Research Universities:								
NC State	66.2	-	98.8	-	100.0	-	-	-
NC State Vet.	71.1	-	-	-	-	-	-	-
UNC-Chapel Hill	78.9	-	0.0	100.0	100.0	-	-	-
UNC-Health Aff.	86.1	-	100.0	88.9	62.9	-	-	-
SUBTOTAL	73.9	-	72.6	93.5	68.3	-	-	-
Other Doctoral Universities:								
UNC-Greensboro	84.0	-	20.6	-	-	-	-	-
Comprehensive Universities:								
Appalachian	75.0	-	-	54.8	-	-	-	-
East Carolina	75.8	-	-	-	-	-	-	-
ECU-Health Aff.	95.2	-	-	-	-	-	-	-
Fayetteville	62.8	-	-	100.0	-	-	-	-
NC A & T	65.9	-	100.0	-	-	-	-	-
NC Central	64.3	-	95.2	-	-	100.0	-	-
UNC-Charlotte	98.4	-	-	-	-	-	-	-
UNC-Wilmington	84.5	-	-	-	0.0	-	-	-
West'n Carolina	84.6	-	100.0	47.4	100.0	100.0	-	-
SUBTOTAL	78.5	-	99.0	57.5	37.4	100.0	-	-
Gen. Baccalaureate Universities:								
Elizabeth City	89.3	-	100.0	-	-	-	-	-
Pembroke	79.9	-	100.0	-	-	-	-	-
UNC-Asheville	85.3	-	-	-	-	-	-	-
Winston-Salem	69.0	-	100.0	-	-	-	-	-
SUBTOTAL	80.3	-	100.0	-	-	-	-	-

Instruction, Research & Public Service Subprograms

(Percentages relate to assignable space in each subprogram.)

Table 25a

Inst. & Res. Ctrs.	Indiv. Project Res.	Direct Patient Care	Health Care Svc.	Commu-nity Svc.	Coop. Exten. Svc.	Public Broad. Svc.	INSTITUTION
21	22	31	32	33	34	35	
							Major Research Universities:
-	65.8	-	-	92.1	34.3	-	NC State
-	96.9	99.6	100.0	-	-	-	NC State Vet.
73.2	89.5	-	-	84.5	-	0.0	UNC-Chapel Hill
79.8	89.6	96.3	98.9	52.1	-	-	UNC-Health Aff.
76.7	78.3	97.6	99.4	87.5	34.3	0.0	SUBTOTAL
							Other Doctoral Universities:
-	97.3	-	-	-	0.0	-	UNC-Greensboro
							Comprehensive Universities:
-	98.2	-	-	80.4	-	-	Appalachian
0.0	80.2	-	-	100.0	-	0.0	East Carolina
-	100.0	100.0	100.0	100.0	-	-	ECU-Health Aff.
-	100.0	-	-	29.8	-	100.0	Fayetteville
100.0	52.4	-	-	0.0	3.3	0.0	NC A & T
0.0	8.6	-	-	100.0	-	-	NC Central
100.0	100.0	-	-	-	-	-	UNC-Charlotte
14.0	89.5	-	-	-	-	-	UNC-Wilmington
-	98.4	-	-	100.0	-	-	West'n Carolina
34.7	74.8	100.0	100.0	82.1	3.3	16.0	SUBTOTAL
							Gen. Baccalaureate Universities:
-	-	-	-	100.0	-	100.0	Elizabeth City
-	100.0	-	-	100.0	-	-	Pembroke
100.0	100.0	-	-	100.0	-	-	UNC-Asheville
-	31.7	-	-	74.2	-	100.0	Winston-Salem
100.0	61.6	-	-	99.4	-	100.0	SUBTOTAL

Instruction, Research & Public Service Subprograms

(Percentages relate to assignable space in each subprogram.)

Table 25a

INSTITUTION	Gen'l Acad. Instr. 11	Voc. Tech. Instr. 12	Prep. Remed. Instr. 13	Gen'l Studies 14	Occup. Relatd Instr. 15	Social Roles Instr. 16	Home & Family Life 17	Pers. Int. Leis. Instr. 18
Specialized Institution:								
NC Sch. of Arts	89.2	-	-	-	-	-	-	-
Teaching Hospital:								
NC Mem. Hosp.	100.0	-	-	-	-	-	-	-
Community Colleges:								
SUBTOTAL	92.7	93.5	91.8	81.3	93.9	100.0	82.0	88.9
PRIVATE INSTITUTIONS								
Major Research Universities:								
SUBTOTAL	79.7	-	100.0	46.1	77.0	-	-	-
Gen. Baccalaureate Colleges:								
SUBTOTAL	56.7	82.1	39.0	100.0	0.0	0.0	-	-
Junior Colleges:								
SUBTOTAL	61.8	-	0.0	-	-	-	-	-
GRAND TOTAL	73.4	93.5	84.1	75.3	89.8	98.1	82.0	88.9

Instruction, Research & Public Service Subprograms

(Percentages relate to assignable space in each subprogram.)

Table 25a

Inst. & Res. Ctrs.	Indiv. Project Res.	Direct Patient Care	Health Care Svc.	Commu-nity Svc.	Coop. Exten. Svc.	Public Broad. Svc.	INSTITUTION
21	22	31	32	33	34	35	
							Specialized Institution:
-	-	-	-	100.0	-	-	NC Sch. of Arts
							Teaching Hospital:
-	-	100.0	99.0	-	-	-	NC Mem. Hosp.
							Community Colleges:
-	-	-	-	92.7	100.0	100.0	SUBTOTAL
				PRIVATE INSTITUTIONS			
							Major Research Universities:
-	84.6	99.4	91.4	0.0	-	100.0	SUBTOTAL
							Gen. Baccalaureate Colleges:
-	55.1	-	-	21.2	-	-	SUBTOTAL
							Junior Colleges:
-	-	-	-	0.0	-	-	SUBTOTAL
63.4	80.6	99.5	94.6	87.0	31.5	30.7	GRAND TOTAL

Instruction, Research & Public Service Subprograms

(Percentages relate to assignable space in each subprogram.)

Table 25a

INSTITUTION	Gen'l Acad. Instr. 11	Voc. Tech. Instr. 12	Prep. Remed. Instr. 13	Gen'l Studies 14	Occup. Relatd Instr. 15	Social Roles Instr. 16	Home & Family Life 17	Pers. Int. Leis. Instr. 18	Comm-nity Svc. 33
Community Colleges:									
Alamance CC	-	99.7	100.0	100.0	100.0	-	-	-	100.0
Anson CC	-	81.0	0.0	28.6	74.2	-	-	-	0.0
Ashev'le-Bun. TCC	-	76.0	100.0	45.3	97.5	-	-	-	100.0
Beaufort Co. CC	-	90.8	-	93.4	-	-	-	-	-
Bladen CC	-	95.1	-	100.0	60.2	100.0	100.0	-	-
Blue Ridge CC	-	99.3	-	100.0	100.0	-	-	-	100.0
Brunswick CC	-	80.4	100.0	100.0	100.0	-	100.0	-	100.0
Caldwell CC & TI	74.0	90.2	100.0	-	-	-	-	-	-
Cape Fear CC	100.0	97.8	-	100.0	100.0	-	-	-	100.0
Carteret CC	-	95.6	0.0	93.7	0.0	-	-	100.0	100.0
Catawba Vy. CC	100.0	87.6	-	100.0	100.0	-	-	100.0	100.0
C. Carolina CC	-	97.4	-	100.0	100.0	-	-	-	-
C. Piedmont CC	97.4	92.9	100.0	100.0	100.0	100.0	0.0	-	100.0
Cleveland CC	100.0	98.1	-	100.0	100.0	-	100.0	-	-
Coastal Car. CC	100.0	100.0	100.0	100.0	100.0	-	100.0	-	100.0
Col. Albemarle	100.0	99.8	100.0	100.0	100.0	-	-	-	100.0
Craven CC**	100.0	99.0	100.0	100.0	-	-	-	-	-
Davidson Co. CC	100.0	100.0	100.0	100.0	-	-	-	-	0.0
Durham TCC	100.0	100.0	-	48.7	100.0	-	-	-	100.0
Edgecombe CC	100.0	75.7	-	81.1	100.0	-	-	-	-
Fayettev'le TCC	100.0	92.0	-	100.0	-	-	-	-	100.0
Forsyth TCC	-	97.1	100.0	100.0	100.0	-	100.0	100.0	100.0
Gaston Col.	98.6	94.5	100.0	100.0	100.0	100.0	-	-	-
Guilford TCC*	100.0	81.7	89.0	5.6	82.3	100.0	-	54.0	100.0
Halifax CC	100.0	100.0	100.0	100.0	100.0	100.0	-	100.0	100.0
Haywood CC	-	81.9	-	100.0	93.5	-	-	100.0	100.0
Isothermal CC**	91.4	95.6	100.0	56.6	33.5	-	100.0	49.8	-
J. Sprunt CC	-	96.8	100.0	65.6	-	-	-	-	-
Johnston CC	-	99.7	-	100.0	-	-	-	-	0.0
Lenoir CC*	97.3	99.9	-	91.0	100.0	-	17.9	-	-

*34 (Coop. Exten. Svc.): Guilford TCC - 100.0, Lenoir CC - 100.0, Pitt CC - 100.0, Subtotal - 100.0.

Instruction, Research & Public Service Subprograms

(Percentages relate to assignable space in each subprogram.)

Table 25a

INSTITUTION	Gen'l Acad. Instr. 11	Voc. Tech. Instr. 12	Prep. Remed. Instr. 13	Gen'l Studies 14	Occup. Relatd Instr. 15	Social Roles Instr. 16	Home & Family Life 17	Pers. Int. Leis. Instr. 18	Comm-nity Svc. 33
Community Colleges:									
Martin CC	95.1	98.8	-	100.0	-	-	-	-	-
Mayland CC	-	99.8	-	24.2	-	-	-	-	100.0
McDowell TCC	100.0	96.2	-	73.0	100.0	-	-	-	100.0
Mitchell CC	84.1	95.5	100.0	100.0	100.0	-	-	-	-
Montgomery CC	-	99.6	-	-	-	-	-	-	-
Nash CC	-	91.4	62.5	-	98.4	100.0	100.0	-	100.0
Pamlico CC	-	99.9	-	-	-	-	-	-	100.0
Piedmont CC	-	97.8	100.0	95.4	100.0	-	-	-	99.0
Pitt CC*	93.7	90.9	57.2	53.4	-	-	-	-	-
Randolph CC	-	100.0	-	100.0	100.0	-	-	-	-
Richmond CC	-	89.5	-	100.0	60.0	100.0	-	-	-
Roanoke-Cho. CC	-	100.0	100.0	100.0	100.0	-	-	100.0	100.0
Robeson CC	-	97.9	-	89.9	-	-	-	-	-
Rockingham CC	86.3	96.3	-	100.0	100.0	-	-	-	100.0
Rowan-Cab. CC	-	100.0	-	-	100.0	-	-	-	-
Sampson CC	-	96.2	100.0	100.0	-	-	100.0	-	-
Sandhills CC	93.4	96.8	100.0	76.4	84.8	-	0.0	-	0.0
Southeastern CC	89.4	74.0	0.0	82.7	-	-	-	-	25.0
Southwestern CC	-	100.0	-	100.0	-	-	-	100.0	-
Stanly CC**	-	100.0	-	-	100.0	-	-	-	100.0
Surry CC	80.3	95.9	100.0	100.0	100.0	-	-	-	100.0
Tri-County CC	100.0	99.9	-	91.4	-	-	100.0	0.0	-
Vance-Granv. CC	100.0	99.2	100.0	100.0	100.0	-	-	-	100.0
Wake TCC	-	91.8	100.0	100.0	55.8	-	-	-	-
Wayne CC	58.9	96.2	100.0	71.7	-	-	-	-	-
W. Piedmont CC	97.0	99.4	-	86.4	100.0	-	-	-	100.0
Wilkes CC	100.0	96.7	-	100.0	-	-	-	-	0.0
Wilson Co. TC	-	100.0	100.0	100.0	100.0	-	100.0	-	100.0
TOTAL	92.7	93.5	91.8	81.3	93.9	100.0	82.0	88.9	92.7

**35 (Public Broad. Svc.): Craven CC - 100.0, Isothermal CC - 100.0, Stanly CC - 100.0, Subtotal - 100.0.

Academic Support Subprograms

(Percentages relate to assignable space in each subprogram.)

Table 25b

INSTITUTION	Libr. Svcs. 41	Museum & Galleries 42	Educ. Media Svcs. 43	Acad. Comput. Spt. 44	Ancil-lary Spt. 45	Acad. Admin. 46	Course & Curr. Devel. 47	Acad. Pers. Dev. 48
Major Research Universities:								
NC State	98.0	-	57.9	80.8	0.0	64.1	-	-
NC State Vet.	96.9	-	85.3	100.0	-	100.0	-	-
UNC-Chapel Hill	82.0	-	83.7	88.1	0.0	64.1	-	100.0
UNC-Health Aff.	100.0	-	91.9	92.1	1.8	87.1	98.3	100.0
SUBTOTAL	86.7	-	77.6	84.1	0.3	73.9	98.3	100.0
Other Doctoral Universities:								
UNC-Greensboro	99.8	100.0	100.0	100.0	88.2	8.0	-	-
Comprehensive Universities:								
Appalachian	100.0	100.0	100.0	94.2	24.9	77.1	100.0	100.0
East Carolina	100.0	100.0	100.0	100.0	100.0	86.0	-	-
ECU-Health Aff.	100.0	-	100.0	-	100.0	99.6	-	-
Fayetteville	100.0	85.3	0.0	100.0	0.0	89.9	-	-
NC A & T	99.7	77.6	100.0	100.0	57.2	68.7	-	-
NC Central	99.1	76.6	84.7	31.4	9.9	45.7	-	-
UNC-Charlotte	100.0	100.0	100.0	100.0	-	99.9	-	-
UNC-Wilmington	99.1	-	-	0.0	-	78.4	-	-
West'n Carolina	100.0	98.9	100.0	100.0	96.9	92.4	-	-
SUBTOTAL	99.7	93.8	86.7	77.1	74.0	79.1	100.0	100.0
Gen. Baccalaureate Universities:								
Elizabeth City	100.0	100.0	100.0	100.0	90.4	89.5	-	-
Pembroke	35.7	100.0	100.0	100.0	-	84.2	-	-
UNC-Asheville	100.0	100.0	91.3	100.0	-	100.0	-	-
Winston-Salem	12.0	0.0	95.1	100.0	16.2	64.7	-	-
SUBTOTAL	68.2	71.8	95.8	100.0	68.0	75.7	-	-

Academic Support Subprograms

(Percentages relate to assignable space in each subprogram.)

Table 25b

INSTITUTION	Libr. Svcs. 41	Museum & Galleries 42	Educ. Media Svcs. 43	Acad. Comput. Spt. 44	Ancil-lary Spt. 45	Acad. Admin. 46	Course & Curr. Devel. 47	Acad. Pers. Dev. 48
Specialized Institution:								
NC Sch. of Arts	100.0	59.2	100.0	100.0	-	67.3	-	-
Teaching Hospital:								
NC Mem. Hosp.	-	-	-	-	-	-	-	-
Community Colleges:								
SUBTOTAL	96.9	98.1	94.6	100.0	90.9	94.5	100.0	100.0
PRIVATE INSTITUTIONS								
Major Research Universities:								
SUBTOTAL	94.2	38.8	94.0	93.2	71.0	81.6	-	100.0
Gen. Baccalaureate Colleges:								
SUBTOTAL	75.6	79.3	75.1	69.0	33.1	54.0	-	100.0
Junior Colleges:								
SUBTOTAL	70.7	0.0	-	59.0	-	43.0	-	-
GRAND TOTAL	89.8	77.2	89.2	86.7	71.5	78.1	99.5	100.0

Academic Support Subprograms

(Percentages relate to assignable space in each subprogram.)

Table 25b

INSTITUTION	Libr. Svcs. 41	Museum & Galleries 42	Educ. Media Svcs. 43	Acad. Comput. Spt. 44	Ancil-lary Spt. 45	Acad. Admin. 46	Course & Curr. Devel. 47	Acad. Pers. Dev. 48
Community Colleges:								
Alamance CC	100.0	-	100.0	-	100.0	100.0	-	-
Anson CC	100.0	-	100.0	-	-	19.8	-	-
Ashev'le-Bun. TCC	100.0	-	100.0	100.0	-	67.4	-	-
Beaufort Co. CC	100.0	-	100.0	-	-	91.3	100.0	-
Bladen CC	100.0	-	100.0	-	-	100.0	-	-
Blue Ridge CC	100.0	100.0	100.0	-	-	100.0	-	-
Brunswick CC	100.0	-	-	-	-	100.0	-	-
Caldwell CC & TI	100.0	-	100.0	-	-	100.0	-	-
Cape Fear CC	100.0	-	100.0	-	-	100.0	-	-
Carteret CC	100.0	-	100.0	-	-	36.0	100.0	-
Catawba Vy. CC	100.0	100.0	100.0	-	100.0	100.0	-	-
C. Carolina CC	97.4	-	100.0	-	-	100.0	-	-
C. Piedmont CC	100.0	-	88.0	-	67.5	100.0	-	-
Cleveland CC	100.0	100.0	100.0	-	-	100.0	-	-
Coastal Car. CC	100.0	100.0	100.0	-	-	100.0	-	-
Col. Albemarle	100.0	100.0	100.0	-	-	100.0	-	-
Craven CC	100.0	-	100.0	-	-	100.0	-	-
Davidson Co. CC	98.5	-	100.0	100.0	100.0	100.0	-	-
Durham TCC	100.0	-	100.0	-	-	100.0	100.0	-
Edgecombe CC	78.2	-	87.6	100.0	-	93.1	-	-
Fayettev'le TCC	98.2	-	100.0	-	-	99.8	-	-
Forsyth TCC	100.0	-	81.3	100.0	-	100.0	-	-
Gaston Col.	100.0	100.0	-	100.0	41.1	100.0	-	-
Guilford TCC	91.9	-	100.0	-	-	61.6	100.0	-
Halifax CC	100.0	-	100.0	-	-	100.0	-	-
Haywood CC	100.0	100.0	50.4	-	100.0	100.0	-	-
Isothermal CC	0.0	-	100.0	-	99.1	100.0	-	-
J. Sprunt CC	100.0	-	-	-	-	100.0	-	100.0
Johnston CC	100.0	-	100.0	-	-	100.0	-	-
Lenoir CC	99.8	100.0	100.0	-	-	89.2	-	-

Academic Support Subprograms

(Percentages relate to assignable space in each subprogram.)

Table 25b

INSTITUTION	Libr. Svcs. 41	Museum & Galleries 42	Educ. Media Svcs. 43	Acad. Comput. Spt. 44	Ancil-lary Spt. 45	Acad. Admin. 46	Course & Curr. Devel. 47	Acad. Pers. Dev. 48
Community Colleges:								
Martin CC	100.0	-	-	-	-	88.5	-	-
Mayland CC	100.0	-	-	-	-	100.0	-	-
McDowell TCC	100.0	100.0	-	100.0	100.0	100.0	-	-
Mitchell CC	99.7	83.9	100.0	-	-	100.0	-	-
Montgomery CC	100.0	-	-	-	93.7	100.0	-	-
Nash CC	90.7	-	-	-	-	100.0	-	-
Pamlico CC	100.0	-	100.0	100.0	-	100.0	-	-
Piedmont CC	100.0	-	100.0	100.0	-	100.0	-	-
Pitt CC	100.0	-	100.0	-	95.6	100.0	-	-
Randolph CC	100.0	-	100.0	-	-	100.0	-	-
Richmond CC	93.5	-	100.0	100.0	-	100.0	-	-
Roanoke-Cho. CC	100.0	-	-	-	-	100.0	-	-
Robeson CC	100.0	-	100.0	-	-	100.0	-	-
Rockingham CC	100.0	100.0	100.0	-	-	100.0	-	-
Rowan-Cab. CC	100.0	-	100.0	-	-	100.0	-	-
Sampson CC	100.0	-	-	-	-	100.0	-	-
Sandhills CC	99.7	-	100.0	-	-	100.0	-	-
Southeastern CC	79.8	-	100.0	100.0	100.0	100.0	-	-
Southwestern CC	100.0	-	100.0	-	-	100.0	-	-
Stanly CC	100.0	-	100.0	-	-	100.0	-	-
Surry CC	100.0	-	100.0	100.0	-	100.0	-	-
Tri-County CC	81.9	-	-	-	-	100.0	-	-
Vance-Granv. CC	100.0	-	-	100.0	100.0	100.0	-	-
Wake TCC	100.0	-	94.6	100.0	-	100.0	-	-
Wayne CC	92.6	-	65.8	-	-	100.0	-	-
W. Piedmont CC	100.0	-	48.9	-	-	100.0	-	-
Wilkes CC	100.0	100.0	100.0	-	100.0	100.0	-	-
Wilson Co. TC	100.0	-	100.0	-	100.0	100.0	-	-
TOTAL	96.9	98.1	94.6	100.0	90.9	94.5	100.0	100.0

Student Service and Physical Plant Operations Subprograms

Table 25c

(Percentages relate to assignable space in each subprogram.)

INSTITUTION	Stud. Svc. Admin.	Social Cultur. Devel.	Coun/ Career Guid.	Finan. Aid. Admin.	Student Auxiliary Service	Inter-colleg. Athl.	Stud. Health/ Med. Svc.	Physical Plant Admin.	Build-ing Maint.	Custo-dial Svcs.	Util-ities	Landscp. Grounds Maint.
	51	52	53	54	55	56	57	71	72	73	74	75
Major Research Universities:												
NC State	100.0	84.9	84.8	100.0	15.2	62.1	98.2	63.5	93.8	19.6	13.1	21.2
NC State Vet	-	100.0	-	-	93.0	-	-	-	100.0	100.0	-	-
UNC-Chapel Hill	0.0	85.9	70.8	0.0	15.9	88.8	96.0	100.0	82.6	65.3	59.2	77.8
UNC-Health Aff.	100.0	100.0	100.0	100.0	100.0	-	-	-	-	90.5	-	-
SUBTOTAL	49.6	85.4	78.9	44.1	16.0	80.7	96.7	82.1	88.3	69.2	38.1	63.1
Other Doctoral Universities:												
UNC-Greensboro	89.0	82.5	43.0	92.4	30.3	-	97.7	87.8	96.2	-	100.0	-
Comprehensive Universities:												
Appalachian	60.7	78.2	94.1	100.0	20.5	82.3	99.6	50.5	67.9	100.0	100.0	-
East Carolina	0.0	64.8	55.8	100.0	6.6	47.0	-	13.5	69.9	0.0	-	-
ECU-Health Aff.	-	-	-	-	-	-	44.7	100.0	9.1	-	-	-
Fayetteville	100.0	37.8	100.0	100.0	6.8	41.6	0.0	-	0.0	-	-	100.0
NC A & T	100.0	69.2	100.0	57.4	10.5	28.3	100.0	100.0	82.8	100.0	0.0	100.0
NC Central	0.0	44.0	0.0	0.0	9.8	0.0	0.0	0.0	0.0	-	-	0.0
UNC-Charlotte	100.0	94.7	100.0	100.0	67.5	93.9	92.2	100.0	100.0	100.0	-	-
UNC-Wilmington	97.8	78.0	95.4	100.0	16.1	50.2	99.5	95.5	88.6	-	100.0	-
West'n Carolina	100.0	98.5	100.0	100.0	36.8	91.1	41.6	43.5	38.7	100.0	100.0	-
SUBTOTAL	72.7	74.2	80.8	76.2	24.9	51.7	65.7	54.2	58.1	58.8	90.3	83.4
Gen. Baccalaureate Universities:												
Elizabeth City	100.0	98.8	100.0	65.2	27.2	92.4	0.0	100.0	100.0	-	-	-
Pembroke	100.0	74.4	100.0	100.0	27.0	100.0	78.2	68.0	100.0	71.0	-	100.0
UNC-Asheville	100.0	100.0	100.0	100.0	75.9	0.0	86.9	100.0	100.0	100.0	100.0	100.0
Winston-Salem	52.6	99.9	83.9	69.5	32.1	69.1	0.0	100.0	91.9	-	100.0	-
SUBTOTAL	73.5	90.4	97.2	75.3	39.2	60.8	30.4	91.3	96.4	95.5	100.0	100.0
Specialized Institution:												
NC Sch. of Arts	0.0	90.0	0.0	100.0	21.5	-	0.0	97.0	100.0	-	-	-
Teaching Hospital:												
N. C. Mem. Hosp.	-	-	-	-	-	-	-	-	100.0	-	-	-
Community Colleges:												
SUBTOTAL	95.0	91.9	94.7	95.6	98.1	97.2	86.2	88.6	77.4	95.0	100.0	85.0
PRIVATE INSTITUTIONS												
Major Research Universities:												
SUBTOTAL	99.7	70.3	35.0	68.3	21.8	83.9	24.8	48.2	50.1	81.8	17.8	0.0
Gen. Baccalaureate Colleges:												
SUBTOTAL	57.0	51.9	30.8	23.2	25.1	66.3	48.8	31.6	40.3	9.8	67.6	12.2
Junior Colleges:												
SUBTOTAL	71.9	58.0	62.2	9.0	36.6	57.8	38.8	88.0	78.9	31.6	-	100.0
GRAND TOTAL	75.4	70.3	77.2	63.2	26.3	72.9	63.0	62.0	62.4	58.7	44.0	59.1

Student Service and Physical Plant Operations Subprograms

Table 25c

(Percentages relate to assignable space in each subprogram.)

INSTITUTION	Stud. Svc. Admin.	Social Cultur. Devel.	Coun/ Career Guid.	Finan. Aid. Admin.	Student Auxiliary Service	Inter-colleg. Athl.	Stud. Health/ Med. Svc.	Physical Plant Admin.	Build-ing Maint.	Custo-dial Svcs.	Util-ities	Landscp. Grounds Maint.
	51	52	53	54	55	56	57	71	72	73	74	75
Community Colleges:												
Alamance CC	100.0	100.0	100.0	100.0	100.0	-	-	100.0	100.0	-	-	-
Anson CC	100.0	92.0	-	100.0	100.0	-	-	-	100.0	-	-	-
Asheville-Bun. TCC	100.0	100.0	100.0	100.0	100.0	-	-	93.3	100.0	100.0	-	100.0
Beaufort Co. CC	100.0	80.8	38.1	100.0	100.0	-	-	-	100.0	-	-	-
Bladen CC	100.0	95.7	100.0	-	100.0	-	-	-	100.0	-	-	-
Blue Ridge CC	100.0	100.0	100.0	100.0	100.0	-	-	-	100.0	-	-	100.0
Brunswick CC	100.0	100.0	100.0	100.0	87.4	-	-	-	100.0	-	-	-
Caldwell CC & TI	100.0	100.0	67.9	100.0	100.0	-	-	-	100.0	-	-	100.0
Cape Fear CC	100.0	100.0	100.0	100.0	78.8	-	-	-	-	-	-	-
Carteret CC	100.0	82.4	100.0	100.0	100.0	-	-	0.0	0.0	-	-	-
Catawba Vy. CC	100.0	100.0	100.0	100.0	100.0	-	-	-	-	-	-	-
C. Carolina CC	100.0	100.0	100.0	100.0	100.0	-	45.7	97.1	-	-	-	-
C. Piedmont CC	100.0	98.0	100.0	100.0	100.0	-	-	0.0	-	84.0	-	0.0
Cleveland CC	100.0	100.0	100.0	100.0	100.0	-	-	100.0	0.0	-	-	-
Coastal Car. CC	100.0	100.0	100.0	100.0	100.0	-	-	-	100.0	-	-	-
Col. Albemarle	100.0	100.0	100.0	100.0	100.0	-	-	-	100.0	-	-	-
Craven CC	100.0	100.0	100.0	100.0	100.0	-	-	-	-	-	-	-
Davidson Co. CC	100.0	95.2	100.0	100.0	100.0	-	100.0	100.0	100.0	-	-	-
Durham TCC	100.0	89.7	100.0	100.0	100.0	-	-	-	99.0	100.0	-	0.0
Edgecombe CC	100.0	100.0	75.0	0.0	100.0	-	-	-	0.0	-	-	-
Fayettev'le TCC	100.0	94.7	100.0	100.0	100.0	-	100.0	-	0.0	100.0	-	-
Forsyth TCC	-	100.0	100.0	100.0	97.9	-	-	100.0	100.0	-	-	-
Gaston Col.	100.0	89.5	100.0	100.0	98.8	-	100.0	-	100.0	-	-	-
Guilford TCC	89.7	92.0	51.4	100.0	87.5	-	100.0	-	4.6	100.0	-	-
Halifax CC	100.0	100.0	100.0	100.0	100.0	-	-	100.0	78.1	-	-	-
Haywood CC	100.0	100.0	-	100.0	100.0	-	-	100.0	100.0	100.0	-	98.4
Isothermal CC	100.0	44.3	100.0	-	95.4	-	-	100.0	100.0	100.0	100.0	-
J. Sprunt CC	100.0	88.9	100.0	100.0	100.0	-	-	-	65.3	-	-	-
Johnston CC	100.0	100.0	100.0	100.0	100.0	-	-	-	100.0	100.0	-	-
Lenoir CC	100.0	100.0	100.0	100.0	100.0	100.0	-	-	100.0	-	-	-
Martin CC	53.7	95.2	100.0	100.0	100.0	-	-	100.0	100.0	-	-	-
Mayland CC	100.0	100.0	100.0	100.0	100.0	-	-	-	100.0	-	-	-
McDowell TCC	100.0	-	100.0	100.0	95.8	-	100.0	-	100.0	-	-	100.0
Mitchell CC	39.8	43.3	100.0	100.0	96.6	-	-	-	13.5	-	-	-
Montgomery CC	100.0	100.0	100.0	100.0	100.0	-	-	-	100.0	-	-	-
Nash CC	100.0	100.0	100.0	100.0	100.0	-	-	-	100.0	100.0	-	-
Pamlico CC	100.0	-	100.0	-	100.0	-	-	-	0.0	-	-	-
Piedmont CC	100.0	100.0	100.0	-	100.0	-	-	-	100.0	-	-	-
Pitt CC	48.9	64.2	100.0	0.0	100.0	0.0	-	-	100.0	100.0	-	-
Randolph CC	100.0	100.0	100.0	100.0	100.0	-	-	-	100.0	-	-	-
Richmond CC	100.0	100.0	100.0	100.0	84.0	-	100.0	-	0.0	-	-	-
Roanoke-Cho. CC	100.0	100.0	100.0	100.0	100.0	-	-	-	-	-	-	100.0
Robeson CC	100.0	76.3	100.0	100.0	100.0	-	-	-	100.0	-	-	-
Rockingham CC	100.0	98.9	100.0	100.0	99.3	-	-	100.0	100.0	-	-	100.0
Rowan-Cab. CC	100.0	-	100.0	100.0	100.0	-	-	-	100.0	-	-	-
Sampson CC	100.0	100.0	100.0	100.0	100.0	-	-	-	-	-	-	-
Sandhills CC	100.0	89.7	100.0	100.0	99.9	-	-	-	96.3	56.7	100.0	100.0
Southeastern CC	100.0	92.7	94.0	100.0	100.0	-	-	100.0	100.0	-	-	-
Southwestern CC	100.0	100.0	100.0	100.0	100.0	-	-	-	0.0	-	-	-
Stanly CC	100.0	100.0	100.0	100.0	100.0	-	-	100.0	-	-	-	-
Surry CC	100.0	88.9	81.5	100.0	100.0	-	-	100.0	100.0	-	-	-
Tri-County CC	100.0	100.0	100.0	100.0	100.0	-	-	-	-	-	-	-
Vance-Granv. CC	100.0	-	91.3	100.0	100.0	-	-	-	100.0	-	-	-
Wake TCC	100.0	89.1	96.6	100.0	85.7	-	100.0	100.0	58.3	-	-	100.0
Wayne CC	100.0	100.0	100.0	100.0	95.1	-	100.0	-	100.0	-	-	-
W. Piedmont CC	95.0	100.0	100.0	100.0	100.0	-	100.0	100.0	0.0	-	-	0.0
Wilkes CC	100.0	90.8	100.0	100.0	100.0	-	-	100.0	100.0	100.0	-	-
Wilson Co. TC	100.0	100.0	100.0	100.0	100.0	-	0.0	100.0	100.0	-	-	-
AVG	95.0	91.9	94.7	95.6	98.1	97.2	86.2	88.6	77.4	95.0	100.0	85.0

Table 25d

Institutional Administration, Independent Operations & Unassigned Subprograms

(Percentages relate to assignable space in each subprogram.)

INSTITUTION	Exec. Mgmt.	Fin. Mgmt. & Opns.	Gen. Adm. Log. Svc.	Admin. Comput. Spt.	Fac/Staff Aux Svcs.	Public Rela/ Devel.	Stud. Recruit. Admss.	Stud. Recd.	Indep. Opns. Inst.	Indep. Opns. Ext. Agency	Unassigned Usable	Unassigned Unusable
	61	62	63	64	65	66	67	68	91	92	01	02
Major Research Universities:												
NC State	16.8	67.2	72.1	100.0	26.6	1.6	94.1	100.0	16.3	40.9	59.1	37.3
NC State Vet	-	-	100.0	-	-	100.0	-	-	-	-	-	-
UNC-Chapel Hill	14.7	54.8	84.8	91.6	0.0	11.2	52.2	98.2	30.3	88.8	17.5	46.3
UNC-Health Aff.	-	-	100.0	95.9	100.0	100.0	100.0	100.0	36.2	98.5	73.9	79.9
SUBTOTAL	15.3	60.8	80.5	95.2	7.2	12.4	71.1	98.8	29.6	87.4	45.4	46.3
Other Doctoral Universities:												
UNC-Greensboro	80.9	80.8	80.9	0.0	0.0	0.0	97.0	-	-	-	-	5.8
Comprehensive Universities:												
Appalachian	93.6	100.0	44.1	97.8	15.3	93.4	59.8	97.3	-	100.0	0.0	100.0
East Carolina	58.5	50.6	49.6	63.8	5.1	35.4	100.0	100.0	-	100.0	0.0	-
ECU-Health Aff.	-	-	-	-	-	-	-	-	-	-	-	-
Fayetteville	100.0	100.0	85.7	-	18.9	100.0	100.0	100.0	0.0	0.0	91.9	-
NC A & T	79.2	90.9	95.6	100.0	56.4	91.8	100.0	100.0	-	0.0	13.6	0.0
NC Central	0.0	0.0	9.6	0.0	35.8	0.0	0.0	0.0	-	0.0	4.2	0.0
UNC-Charlotte	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	-	-	-	-
UNC-Wilmington	58.9	44.5	90.8	10.5	0.0	66.1	72.9	95.1	-	33.1	100.0	56.4
West'n Carolina	75.3	100.0	72.5	97.3	2.0	97.8	78.2	100.0	-	24.2	0.0	64.4
SUBTOTAL	73.9	77.5	64.1	62.2	18.0	70.1	75.9	91.4	0.0	26.0	60.3	53.8
Gen. Baccalaureate Universities:												
Elizabeth City	99.7	100.0	100.0	100.0	16.0	100.0	100.0	100.0	-	100.0	100.0	-
Pembroke	100.0	100.0	31.4	100.0	94.0	100.0	11.3	100.0	-	-	-	-
UNC-Asheville	36.7	86.6	75.4	100.0	25.3	100.0	100.0	100.0	-	87.3	100.0	-
Winston-Salem	62.3	9.5	18.5	-	55.7	0.0	0.0	54.4	-	100.0	79.9	99.6
SUBTOTAL	77.3	66.7	54.9	100.0	43.2	70.9	45.8	78.9	-	91.1	82.9	99.6
Specialized Institution:												
NC Sch. of Arts	27.6	100.0	70.8	100.0	17.6	49.8	100.0	100.0	100.0	-	-	100.0
Teaching Hospital:												
N. C. Mem. Hosp.	-	-	100.0	-	-	-	-	-	-	-	91.8	100.0
Community Colleges:												
SUBTOTAL	94.6	98.1	84.0	95.3	76.2	91.6	95.7	98.9	97.9	87.1	74.4	83.2
PRIVATE INSTITUTIONS												
Major Research Universities:												
SUBTOTAL	84.1	86.9	63.3	99.9	5.5	31.4	45.7	83.4	54.2	93.5	100.0	100.0
Gen. Baccalaureate Colleges:												
SUBTOTAL	47.5	49.7	35.9	32.5	8.7	28.8	40.9	50.0	0.5	14.2	10.2	10.8
Junior Colleges:												
SUBTOTAL	43.2	48.3	60.6	0.0	2.8	47.0	38.0	31.9	-	-	3.1	0.0
GRAND TOTAL	70.8	75.3	66.7	72.3	13.3	39.4	61.9	84.1	35.9	73.2	52.9	49.6

Table 25d

Institutional Administration, Independent Operations & Unassigned Subprograms

(Percentages relate to assignable space in each subprogram.)

INSTITUTION	Exec. Mgmt.	Fin. Mgmt. & Opns.	Gen. Adm. Log. Svc.	Admin. Comput. Spt.	Fac/Staff Aux Svcs.	Public Rela/ Devel.	Stud. Recruit. Admiss.	Stud. Recd.	Indep. Opns. Inst.	Indep. Opns. Ext. Agency	Unassigned Usable	Unassigned Unusable
	61	62	63	64	65	66	67	68	91	92	01	02
Community Colleges:												
Alamance CC	98.7	100.0	100.0	-	43.5	100.0	100.0	100.0	-	-	-	-
Anson CC	100.0	100.0	100.0	0.0	-	-	-	-	-	-	100.0	-
Ashev'le-Bun. TCC	5.6	100.0	64.6	0.0	63.6	-	100.0	100.0	-	-	-	0.0
Beaufort Co. CC	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	-	-	-	-
Bladen CC	98.4	100.0	100.0	100.0	100.0	-	-	100.0	-	100.0	100.0	100.0
Blue Ridge CC	97.1	97.5	100.0	-	100.0	100.0	-	100.0	-	100.0	-	99.6
Brunswick CC	100.0	100.0	100.0	-	100.0	100.0	100.0	-	-	-	100.0	0.0
Caldwell CC & TI	100.0	100.0	100.0	100.0	-	100.0	100.0	100.0	-	-	-	-
Cape Fear CC	100.0	100.0	98.6	100.0	-	100.0	-	100.0	-	35.8	-	-
Carteret CC	100.0	100.0	100.0	100.0	100.0	-	-	100.0	-	100.0	-	0.0
Catawba Vy. CC	100.0	100.0	37.2	100.0	100.0	100.0	-	100.0	-	-	-	71.4
C. Carolina CC	98.2	100.0	100.0	-	100.0	-	-	100.0	-	-	-	-
C. Piedmont CC	100.0	83.9	92.7	100.0	46.4	100.0	100.0	100.0	-	-	100.0	100.0
Cleveland CC	100.0	100.0	100.0	-	100.0	100.0	100.0	100.0	-	-	84.7	-
Coastal Car. CC	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	-	-	-	-
Col. Albemarle	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	-	-	-	-
Craven CC	100.0	100.0	100.0	-	100.0	100.0	-	100.0	-	-	-	-
Davidson Co. CC	100.0	100.0	100.0	100.0	98.6	100.0	100.0	100.0	-	-	-	-
Durham TCC	100.0	93.6	87.7	100.0	86.7	100.0	67.2	100.0	-	100.0	100.0	-
Edgecombe CC	100.0	100.0	100.0	-	100.0	-	100.0	100.0	-	-	-	-
Fayettev'le TCC	100.0	100.0	52.5	82.0	100.0	100.0	100.0	100.0	-	-	-	95.6
Forsyth TCC	99.2	100.0	100.0	100.0	100.0	100.0	100.0	85.8	-	100.0	100.0	-
Gaston Col.	60.6	100.0	53.0	-	100.0	100.0	100.0	100.0	-	-	100.0	-
Guilford TCC	98.7	84.9	61.7	100.0	85.5	100.0	87.3	100.0	100.0	-	100.0	-
Halifax CC	88.9	100.0	98.1	100.0	86.5	-	100.0	100.0	-	100.0	-	-
Haywood CC	100.0	100.0	100.0	100.0	100.0	-	100.0	100.0	100.0	100.0	-	-
Isothermal CC	69.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	-	-	-	-
J. Sprunt CC	100.0	100.0	100.0	-	-	-	-	100.0	-	-	-	-
Johnston CC	96.1	100.0	97.9	100.0	73.5	-	100.0	100.0	-	-	-	-
Lenoir CC	100.0	100.0	100.0	100.0	100.0	-	100.0	100.0	-	-	-	-
Martin CC	100.0	93.5	100.0	100.0	78.6	-	-	100.0	-	57.0	-	-
Mayland CC	100.0	100.0	100.0	100.0	-	-	-	100.0	-	4.1	-	56.0
McDowell TCC	95.3	98.1	94.6	100.0	0.0	0.0	-	100.0	-	-	-	-
Mitchell CC	100.0	100.0	39.1	-	100.0	52.2	100.0	100.0	-	100.0	49.9	-
Montgomery CC	97.3	100.0	100.0	-	-	-	100.0	100.0	-	-	-	-
Nash CC	97.2	100.0	91.9	100.0	82.0	100.0	100.0	100.0	-	-	-	-
Pamlico CC	100.0	94.3	100.0	100.0	-	-	-	100.0	-	-	-	-
Piedmont CC	98.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	-	100.0	-	-
Pitt CC	94.8	100.0	76.1	100.0	100.0	100.0	0.0	96.9	-	-	0.0	-
Randolph CC	100.0	100.0	100.0	100.0	100.0	100.0	-	100.0	-	-	-	-
Richmond CC	100.0	100.0	100.0	100.0	100.0	100.0	-	100.0	-	-	-	100.0
Roanoke-Cho. CC	98.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	-	-	62.9	100.0
Robeson CC	98.4	100.0	95.5	100.0	100.0	100.0	100.0	100.0	-	-	100.0	-
Rockingham CC	98.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	-	-	100.0	100.0
Rowan-Cab. CC	100.0	100.0	100.0	-	100.0	-	100.0	100.0	-	-	-	-
Sampson CC	97.3	100.0	100.0	100.0	-	-	100.0	100.0	-	-	100.0	100.0
Sandhills CC	97.1	100.0	98.3	100.0	4.7	0.0	0.0	100.0	-	-	-	-
Southeastern CC	100.0	100.0	100.0	0.0	-	0.0	100.0	100.0	-	-	0.0	-
Southwestern CC	100.0	94.6	100.0	-	-	100.0	100.0	100.0	-	-	100.0	100.0
Stanly CC	100.0	100.0	96.0	100.0	-	100.0	100.0	100.0	-	-	100.0	100.0
Surry CC	96.6	96.7	100.0	100.0	82.1	100.0	100.0	100.0	-	-	-	100.0
Tri-County CC	100.0	100.0	58.0	100.0	100.0	-	-	100.0	-	-	-	-
Vance-Granv. CC	100.0	100.0	53.9	-	100.0	100.0	100.0	100.0	-	-	-	-
Wake TCC	100.0	100.0	50.2	100.0	100.0	100.0	100.0	85.2	-	-	39.6	100.0
Wayne CC	100.0	100.0	97.7	69.6	-	100.0	-	100.0	-	-	-	0.0
W. Piedmont CC	100.0	100.0	100.0	100.0	-	100.0	100.0	100.0	-	-	-	-
Wilkes CC	97.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	96.7	-	-	-
Wilson Co. TC	100.0	100.0	49.8	-	100.0	100.0	100.0	100.0	-	-	-	-
TOTAL	94.6	98.1	84.0	95.3	76.2	91.6	95.7	98.9	97.9	87.1	74.4	83.2

TABLE 26:
ACCESSIBLE AREA BY ROOM CODES

Table 26 indicates for each of the ten summary room codes the amount and percentage of assignable area which is accessible to mobility impaired persons. It represents an additional source of information which, when viewed in conjunction with Tables 25-25d, creates a detailed profile of the accessible space on a campus.

Although such information can be useful to campus administrators in attempting to insure that all programs are accessible to the mobility impaired, no absolute conclusions can be drawn from the data as to whether program accessibility has been achieved. It is clear, for example, that program accessibility does not require that an institution make all of its classrooms accessible. Instead, the institution can simply insure that courses taken by mobility impaired students be scheduled in rooms which are accessible to them.

Dashes in Table 26 indicate that the institution in question did not have any assignable area under the indicated summary room code. A "0" in the "Sq. Ft." column (with an accompanying "0.0" in the "%" column) indicates that the institution did have *assignable* area under the indicated summary room code but that none of it was *accessible*. The chart on page 118 lists all of the room codes which comprise the summary codes used in this table.

Table 26

Accessible Area by Room Code

(Percentages relate to assignable space under each room code.)

INSTITUTION	Total Accessible Area		Classroom Facilities (100)		Laboratory Facilities (200)		Office Facilities (300)		Study Facilities (400)	
	Sq. Ft.	%	Sq. Ft.	%	Sq. Ft.	%	Sq. Ft.	%	Sq. Ft.	%
Major Research Universities:										
NC State	2,192,126	53.1	162,854	79.8	607,055	71.0	573,822	70.3	155,433	91.3
NC State Vet	198,942	89.3	7,567	98.0	44,023	89.7	30,758	98.1	12,895	97.2
UNC-Chapel Hill	2,681,944	59.0	178,239	78.7	309,855	86.2	538,558	70.0	489,355	78.7
UNC-Health Aff.	1,084,056	88.4	45,878	83.4	381,557	88.3	390,099	86.6	63,470	99.2
SUBTOTAL	6,157,068	60.8	394,538	80.0	1,342,490	79.2	1,533,237	74.2	721,153	83.0
Other Doctoral Universities:										
UNC-Greensboro	1,039,937	60.7	111,194	97.6	147,294	90.5	222,966	76.3	142,551	97.5
Comprehensive Universities:										
Appalachian	1,045,659	55.3	107,503	81.5	146,535	95.3	217,817	78.1	108,355	99.7
East Carolina	972,534	48.2	138,570	79.9	219,249	77.9	211,776	68.3	116,979	96.2
ECU-Health Aff.	362,609	93.7	30,381	100.0	119,318	99.9	101,315	98.4	39,081	99.6
Fayetteville	267,075	48.0	21,893	56.8	41,677	75.5	61,650	78.0	75,048	95.3
NC A & T	710,124	49.8	84,778	65.6	129,873	58.2	172,207	70.0	52,184	92.2
NC Central	403,795	39.8	64,934	61.3	41,279	47.8	68,554	40.9	94,750	86.6
UNC-Charlotte	1,252,995	84.9	88,907	99.5	212,368	98.5	234,100	99.9	104,189	100.0
UNC-Wilmington	505,232	59.6	54,764	91.4	57,240	80.5	113,816	75.7	113,842	99.3
West'n Carolina	995,418	65.1	72,894	86.2	114,842	95.4	154,406	83.2	117,192	100.0
SUBTOTAL	6,515,441	58.4	664,624	78.8	1,082,381	81.6	1,335,641	76.1	821,620	96.6
Gen. Baccalaureate Universities:										
Elizabeth City	346,901	66.9	27,409	85.0	42,925	91.7	66,976	92.5	32,775	89.5
Pembroke	283,452	61.3	40,089	82.2	29,485	84.5	59,029	86.1	14,204	48.2
UNC-Asheville	347,613	82.4	29,370	96.3	58,177	95.0	59,420	88.0	37,076	99.4
Winston-Salem	318,547	55.0	38,902	63.0	17,856	40.1	48,722	53.9	8,546	26.5
SUBTOTAL	1,296,513	65.4	135,770	78.4	148,443	79.2	234,147	78.4	92,601	68.3
Specialized Institution:										
NC Sch. of Arts	292,542	70.9	15,429	100.0	101,811	94.1	33,166	73.2	17,677	94.9
Teaching Hospital:										
N. C. Mem. Hosp.	701,286	99.3	228	100.0	-	-	200,972	98.6	5,260	100.0
Community Colleges:										
SUBTOTAL	7,553,900	92.7	1,379,961	93.1	2,747,854	93.8	1,147,027	93.5	649,344	96.0
PRIVATE INSTITUTIONS										
Major Research Universities:										
SUBTOTAL	4,844,186	66.6	189,018	77.9	815,171	89.9	1,259,009	82.8	526,373	93.1
Gen. Baccalaureate Colleges:										
SUBTOTAL	4,253,035	39.9	381,181	53.1	386,857	52.7	504,814	46.9	489,251	70.7
Junior Colleges:										
SUBTOTAL	598,813	46.9	58,332	58.8	58,880	58.8	56,603	52.9	54,813	71.7
GRAND TOTAL	33,252,721	62.2	3,330,275	79.7	6,831,181	83.8	6,527,582	76.0	3,520,643	87.2

Accessible Area by Room Code

Table 26

(Percentages relate to assignable space under each room code.)

Special Use Facilities (500)		General Use Facilities (600)		Supporting Facilities (700)		Health Care Facilities (800)		Residential Facilities (900)		Unclassified Facilities (000)		INSTITUTION
Sq. Ft.	%	Sq. Ft.	%	Sq. Ft.	%	Sq. Ft.	%	Sq. Ft.	%	Sq. Ft.	%	
												Major Research Universities:
224,234	43.7	258,540	70.8	111,731	53.7	11,089	97.7	83,380	8.6	3,988	39.1	NC State
33,931	67.1	10,496	94.7	6,905	100.0	52,367	99.1	-	-	-	-	NC State Vet
445,803	85.0	388,304	75.7	177,393	66.2	18,432	94.9	101,549	8.8	34,456	41.4	UNC-Chapel Hill
62,889	94.0	44,168	96.4	21,235	66.7	62,844	97.5	0	0.0	11,916	74.9	UNC-Health Aff.
766,857	66.4	701,508	75.0	317,264	61.6	144,732	97.7	184,929	8.7	50,360	46.1	SUBTOTAL
												Other Doctoral Universities:
46,205	80.7	189,130	69.8	82,258	86.2	9,638	96.4	84,593	17.2	4,108	5.8	UNC-Greensboro
												Comprehensive Universities:
112,649	56.5	239,084	79.1	56,738	58.0	11,921	86.6	43,737	7.2	1,320	72.9	Appalachian
100,693	68.1	137,547	72.3	38,983	56.4	-	-	8,737	1.2	-	-	East Carolina
19,235	62.0	8,816	92.8	10,433	65.2	34,030	87.9	-	-	-	-	ECU-Health Aff.
14,477	31.1	25,405	34.9	15,872	58.5	0	0.0	4,610	3.2	6,443	71.9	Fayetteville
123,319	62.1	107,849	66.2	28,601	89.1	6,016	100.0	4,200	1.2	1,097	5.1	NC A & T
81,179	60.0	33,407	31.1	4,420	13.4	0	0.0	14,892	5.8	380	5.0	NC Central
94,583	96.2	187,096	97.4	35,298	100.0	6,162	90.9	290,292	58.0	-	-	UNC-Charlotte
66,147	64.1	50,267	56.6	19,705	80.6	1,219	100.0	17,028	7.9	11,204	56.4	UNC-Wilminton
155,521	80.3	169,324	80.0	27,496	64.7	1,924	45.0	134,436	27.2	47,383	64.4	West'n Carolina
767,803	66.5	958,795	71.7	237,546	62.9	61,272	79.0	517,932	15.7	67,827	50.8	SUBTOTAL
												Gen. Baccalaureate Universities:
62,470	91.6	77,355	91.3	14,543	100.0	0	0.0	22,249	14.1	199	100.0	Elizabeth City
48,834	76.9	73,197	86.1	9,622	49.7	2,160	76.6	6,832	6.2	-	-	Pembroke
13,342	38.5	51,828	92.2	17,131	93.9	916	81.3	79,701	69.7	652	100.0	UNC-Asheville
59,625	92.1	75,369	83.7	11,730	63.5	0	0.0	23,239	16.8	34,558	95.8	Winston-Salem
184,271	79.7	277,749	87.9	53,026	75.1	3,076	27.2	132,021	25.3	35,409	95.9	SUBTOTAL
												Specialized Institution:
3,118	30.6	58,931	76.5	21,622	93.8	0	0.0	20,064	21.7	20,724	100.0	NC Sch. of Arts
												Teaching Hospital:
1,692	100.0	45,486	100.0	46,671	99.6	384,790	99.5	3,311	100.0	12,876	100.0	N. C. Mem. Hosp.
												Community Colleges:
386,018	88.1	785,065	95.7	308,470	80.9	1,636	83.8	897	9.4	147,628	80.2	SUBTOTAL
						PRIVATE INSTITUTIONS						
												Major Research Universities:
264,635	58.7	579,223	75.0	271,807	58.2	752,863	98.9	173,596	11.0	12,491	100.0	SUBTOTAL
												Gen. Baccalaureate Colleges:
738,224	65.5	1,067,091	57.2	155,615	38.7	22,534	47.8	492,787	12.8	14,681	8.9	SUBTOTAL
												Junior Colleges:
83,092	62.0	130,957	62.0	33,668	74.4	3,629	41.2	118,839	24.2	0	0.0	SUBTOTAL
3,241,915	68.1	4,793,935	72.1	1,527,947	63.0	1,384,170	95.2	1,728,969	13.9	366,104	48.7	GRAND TOTAL

Table 26

Accessible Area by Room Code

(Percentages relate to assignable space under each room code.)

INSTITUTION	Total Accessible Area		Classroom Facilities (100)		Laboratory Facilities (200)		Office Facilities (300)		Study Facilities (400)	
	Sq. Ft.	%	Sq. Ft.	%	Sq. Ft.	%	Sq. Ft.	%	Sq. Ft.	%
Community Colleges:										
Alamance CC	104,959	99.2	18,962	100.0	46,431	99.6	14,560	99.8	8,040	100.0
Anson CC	40,976	80.9	5,451	86.7	14,035	73.7	5,059	56.7	6,624	100.0
Ashev'le-Bun. TCC	184,579	77.6	57,300	86.4	57,181	69.0	25,727	72.4	9,200	100.0
Beaufort Co. CC	92,312	92.1	12,296	72.9	36,030	100.0	14,045	87.7	8,925	100.0
Bladen CC	76,011	96.3	8,062	100.0	30,522	93.1	8.115	98.7	5,240	100.0
Blue Ridge CC	122,549	99.5	17,079	100.0	47,819	99.1	12,303	99.4	10,734	100.0
Brunswick CC	67,423	81.0	17,704	90.9	28,912	85.2	10,367	97.6	3,898	41.4
Caldwell CC & TI	118,449	92.2	18,188	88.6	36,873	83.9	18,718	97.7	12,941	100.0
Cape Fear CC	133,142	97.3	16,290	95.8	59,342	98.6	27,436	98.6	12,442	100.0
Carteret CC	104,949	88.9	11,966	95.8	36,875	96.4	8,093	80.1	6,361	100.0
Catawba Vy. CC	177,537	87.3	47,031	100.0	61,940	80.9	27,077	99.0	14,981	100.0
C. Carolina CC	119,133	97.9	21,242	100.0	56,180	97.0	17,854	97.5	8,281	97.0
C. Piedmont CC	457,129	94.0	85,747	98.0	149,838	90.6	81,868	96.3	57,192	100.0
Cleveland CC	110,136	98.4	19,554	93.8	44,221	100.0	17,589	99.1	13,183	100.0
Coastal Car. CC	155,551	100.0	27,558	100.0	64,798	100.0	23,236	100.0	15,293	100.0
Col. Albemarle	94,899	99.9	13,672	100.0	39,924	99.8	15,899	100.0	11,415	100.0
Craven CC	91,089	99.4	18,807	100.0	38,511	98.7	12,412	99.6	14,418	100.0
Davidson Co. CC	144,613	98.4	28,648	100.0	42,510	100.0	22,653	100.0	15,832	98.4
Durham TCC	154,124	95.0	27,595	88.9	59,032	98.6	28,015	93.8	13,147	100.0
Edgecombe CC	76,244	81.8	14,699	68.8	24,735	81.8	14,492	89.5	8,312	76.6
Fayettev'le TCC	267,863	92.1	55,140	98.1	73.770	91.5	53,190	93.5	10,676	98.1
Forsyth TCC	278,904	98.1	61,049	100.0	95,741	95.4	41,507	99.4	20,172	100.0
Gaston Col.	179,098	93.0	36,509	94.0	72,000	96.8	28,713	94.2	9,772	100.0
Guilford TCC	323,667	78.7	62,802	80.3	125,096	76.8	53,016	85.4	27,971	91.9
Halifax CC	87,325	99.2	16,231	100.0	29,316	100.0	14,091	99.4	11,003	100.0
Haywood CC	161,921	88.3	10,194	72.9	94,696	95.6	17,303	95.1	7,038	100.0
Isothermal CC	139,615	85.0	24,468	86.6	49,934	87.8	17,380	90.9	1,432	13.1
J. Sprunt CC	80,657	94.5	13,374	97.4	34,158	98.4	16,612	87.9	4,336	100.0
Johnston CC	103,982	98.4	17,920	100.0	45,365	99.4	12,495	99.7	4,880	100.0
Lenoir CC	157,182	98.2	27,532	96.5	47,500	97.6	21,418	98.0	22,677	99.0
Martin CC	108,464	97.8	18,738	96.4	41,050	99.4	11,330	90.4	13,448	100.0
Mayland CC	60,386	85.0	6,941	95.9	16,308	99.7	9,189	97.2	6,997	100.0
McDowell TCC	66,816	96.1	15,075	89.5	29,755	98.3	9,708	96.5	4,962	100.0
Mitchell CC	149,492	82.6	32,632	95.3	44,431	96.3	16.717	79.7	14,231	99.2
Montgomery CC	47,531	99.4	6,280	100.0	23,824	99.9	6,567	98.2	2,909	100.0
Nash CC	120,760	94.3	35,490	96.6	50,740	91.5	20,497	96.0	4,283	95.4
Pamlico CC	27,496	95.7	4,363	100.0	11,183	100.0	4,419	98.5	3,916	100.0
Piedmont CC	97,173	98.7	13,249	97.3	27,431	98.0	14,724	99.0	7,377	100.0
Pitt CC	120,890	91.2	20,925	88.7	45,411	96.1	16,584	70.8	19,711	100.0
Randolph CC	142,052	100.0	25,552	100.0	57,475	100.0	22,191	100.0	12,034	100.0
Richmond CC	99,291	90.9	13,616	84.7	36,903	93.6	16,558	91.8	10,351	90.4
Roanoke-Cho. CC	80,332	95.9	16,439	100.0	27,986	100.0	11,887	99.8	7,512	100.0
Robeson CC	161,902	96.3	30,302	94.4	55,957	98.8	25,161	99.9	11,236	100.0
Rockingham CC	184,176	94.7	34,064	95.8	53,884	96.0	23,466	99.6	14,550	100.0
Rowan-Cab. CC	146,324	100.0	31,240	100.0	51,002	100.0	21,357	100.0	15,201	100.0
Sampson CC	86,079	98.1	13,042	100.0	28,302	98.4	15,047	99.7	11,144	100.0
Sandhills CC	144,445	92.3	25,465	97.1	51,094	98.2	22,438	88.1	10,942	99.4
Southeastern CC	96,372	80.3	11,626	52.3	33,233	91.8	13,876	68.3	10,446	79.8
Southwestern CC	135,096	97.8	25,059	100.0	39,132	100.0	22,954	99.1	9,688	100.0
Stanly CC	73,803	100.0	16,333	100.0	23,557	100.0	12,294	99.8	5,223	100.0
Surry CC	125,179	93.5	15,425	67.8	40,939	100.0	16,271	94.8	11,101	100.0
Tri-County CC	70,240	96.1	15,832	97.9	37,635	99.6	6,836	96.3	5,267	84.7
Vance-Granv. CC	102,389	96.6	21,315	97.7	42,214	100.0	17,266	99.1	9,715	100.0
Wake TCC	227,811	90.1	44,385	91.1	61,821	91.4	35,366	95.3	13,734	97.3
Wayne CC	120,376	90.6	25,186	92.7	53,838	90.3	20,307	90.1	6,336	92.7
W. Piedmont CC	96,154	92.7	13,962	99.6	36,402	99.9	16,537	96.0	10,442	100.0
Wilkes CC	144,664	96.8	21,917	94.9	32,533	99.8	17,004	97.7	9,588	100.0
Wilson Co. TC	112,189	98.4	12,438	100.0	50,529	100.0	19,233	96.7	10,584	100.0
TOTAL	7,553,900	92.7	1,379,961	93.1	2,747,854	93.8	1,147,027	93.5	649,344	96.0

Table 26

Accessible Area by Room Code

(Percentages relate to assignable space under each room code.)

Special Use Facilities (500)		General Use Facilities (600)		Supporting Facilities (700)		Health Care Facilities (800)		Residential Facilities (900)		Unclassified Facilities (000)		INSTITUTION
Sq. Ft.	%	Sq. Ft.	%	Sq. Ft.	%	Sq. Ft.	%	Sq. Ft.	%	Sq. Ft.	%	
												Community Colleges:
4,101	100.0	8,746	100.0	4,119	100.0	-	-	0	0.0	-	-	Alamance CC
240	100.0	4,416	100.0	4,029	100.0	-	-	-	-	1,122	100.0	Anson CC
14,151	96.6	8,696	97.9	12,324	67.5	-	-	-	-	0	0.0	Ashev'le-Bun. TCC
1,072	100.0	10,546	88.8	9,398	100.0	-	-	-	-	-	-	Beaufort Co. CC
349	100.0	14,101	96.3	5,747	100.0	-	-	-	-	3,875	100.0	Bladen CC
6,002	100.0	12,064	100.0	8,326	100.0	-	-	-	-	8,222	99.6	Blue Ridge CC
-	-	2,140	92.2	3,168	100.0	-	-	-	-	1,234	29.0	Brunswick CC
15,570	98.8	11,259	100.0	4,900	100.0	-	-	-	-	-	-	Caldwell CC & TI
3,283	100.0	11,371	87.9	2,978	100.0	-	-	0	0.0	-	-	Cape Fear CC
1,275	100.0	22,272	98.2	18,107	98.5	-	-	-	-	0	0.0	Carteret CC
4,707	89.6	14,382	100.0	2,814	24.6	-	-	-	-	4,605	71.4	Catawba Vy. CC
3,474	100.0	7,815	100.0	4,271	97.3	16	45.7	-	-	-	-	C. Carolina CC
26,739	89.4	41,623	93.0	6,965	100.0	-	-	0	0.0	7,157	100.0	C. Piedmont CC
2,392	100.0	9,043	100.0	3,922	91.6	-	-	-	-	232	100.0	Cleveland CC
3,720	100.0	15,006	100.0	5,940	100.0	-	-	-	-	-	-	Coastal Car. CC
726	100.0	9,653	100.0	3,610	100.0	-	-	-	-	-	-	Col. Albemarle
1,797	100.0	4,250	100.0	894	100.0	-	-	-	-	-	-	Craven CC
16,056	89.5	12,130	98.5	6,668	100.0	116	100.0	-	-	-	-	Davidson Co. CC
2,441	100.0	15,972	98.4	7,730	82.3	-	-	-	-	192	100.0	Durham TCC
1,860	92.9	10,975	98.9	1,171	81.8	-	-	-	-	-	-	Edgecombe CC
12,614	82.3	36,530	100.0	11,174	59.0	378	100.0	-	-	14,391	95.6	Fayettev'le TCC
17,369	98.4	33,794	98.8	6,661	100.0	-	-	-	-	2,611	100.0	Forsyth TCC
3,730	61.4	22,063	93.9	1,302	29.0	279	100.0	-	-	4,730	100.0	Gaston Col.
10,781	57.5	39,668	91.0	4,249	28.2	84	100.0	-	-	-	-	Guilford TCC
1,069	100.0	12,923	99.5	2,692	82.3	-	-	-	-	-	-	Halifax CC
17,129	60.9	11,326	100.0	4,002	73.7	-	-	233	100.0	-	-	Haywood CC
29,170	99.3	8,121	76.5	9,110	100.0	-	-	-	-	-	-	Isothermal CC
303	100.0	8,830	95.4	3,044	74.5	-	-	-	-	-	-	J. Sprunt CC
9,012	87.4	8,774	99.1	5,536	99.1	-	-	-	-	-	-	Johnston CC
21,489	99.8	9,894	100.0	6,547	100.0	-	-	125	100.0	-	-	Lenoir CC
5,808	100.0	11,890	100.0	6,200	94.4	-	-	-	-	-	-	Martin CC
5,555	52.6	8,241	100.0	787	100.0	-	-	-	-	6,368	56.0	Mayland CC
1,127	100.0	3,680	97.3	2,399	100.0	110	100.0	-	-	-	-	McDowell TCC
10,195	80.6	20,335	71.9	2,200	33.3	-	-	-	-	8,751	49.2	Mitchell CC
1,419	92.3	4,096	100.0	2,436	100.0	-	-	-	-	-	-	Montgomery CC
-	-	6,218	96.9	3,532	100.0	-	-	-	-	-	-	Nash CC
465	100.0	2,114	100.0	1,036	47.2	-	-	-	-	-	-	Pamlico CC
12,031	100.0	13,462	98.9	8,899	100.0	-	-	-	-	-	-	Piedmont CC
7,462	97.4	6,818	100.0	3,979	100.0	-	-	-	-	0	0.0	Pitt CC
4,769	100.0	12,650	100.0	7,381	100.0	-	-	-	-	-	-	Randolph CC
1,445	100.0	10,590	93.9	4,619	73.5	100	100.0	-	-	5,109	100.0	Richmond CC
-	-	6,694	100.0	5,601	100.0	-	-	-	-	4,213	55.4	Roanoke-Cho. CC
2,206	100.0	23,403	87.8	6,417	94.2	-	-	-	-	7,220	100.0	Robeson CC
20,897	76.7	23,259	99.2	9,600	100.0	-	-	-	-	4,456	100.0	Rockingham CC
3,597	100.0	16,413	100.0	7,514	100.0	-	-	-	-	-	-	Rowan-Cab. CC
0	0.0	10,026	100.0	3,078	100.0	-	-	-	-	5,440	100.0	Sampson CC
8,814	81.4	16,948	99.9	8,205	96.8	-	-	539	9.7	-	-	Sandhills CC
9,969	98.3	11,872	100.0	5,350	95.7	-	-	-	-	0	0.0	Southeastern CC
2,303	100.0	30,078	100.0	4,322	60.9	-	-	-	-	1,560	100.0	Southwestern CC
1,444	100.0	5,157	100.0	-	-	-	-	-	-	9,795	100.0	Stanly CC
17,796	100.0	14,888	97.0	5,696	100.0	-	-	-	-	3,063	100.0	Surry CC
-	-	3,870	100.0	800	40.2	-	-	-	-	-	-	Tri-County CC
2,764	100.0	6,939	100.0	2,176	42.6	-	-	-	-	-	-	Vance-Granv. CC
2,705	92.0	17,052	88.5	9,138	50.0	328	100.0	-	-	43,282	97.5	Wake TCC
1,803	76.5	10,091	97.6	2,644	94.6	171	100.0	-	-	0	0.0	Wayne CC
4,346	73.3	12,312	100.0	2,099	28.6	54	100.0	-	-	-	-	W. Piedmont CC
21,655	99.9	30,548	90.6	11,419	100.0	-	-	-	-	-	-	Wilkes CC
2,822	100.0	7,038	100.0	9,545	92.0	0	0.0	-	-	-	-	Wilson Co. TC
386,018	88.1	785,065	95.7	308,470	80.9	1,636	83.8	897	9.4	147,628	80.2	TOTAL

Institutional Index

Institution	Type*	FICE Code	County	City	Congr. Dist.**
Alamance Community College	1-3	005463	Alamance	Haw River 27258	06
Anson Community College	1-3	007985	Anson	Ansonville 28007	08
Appalachian State University	1-2	002906	Watauga	Boone 28608	10
Asheville-Buncombe TCC	1-3	004033	Buncombe	Asheville 28801	11
Atlantic Christian College	2-2	002908	Wilson	Wilson 27893	02
Barber-Scotia College	2-2	002909	Cabarrus	Concord 28025	08
Beaufort County CC	1-3	008558	Beaufort	Washington 27889	01
Belmont Abbey College	2-2	002910	Gaston	Belmont 28012	10
Bennett College	2-2	002911	Guilford	Greensboro 27420	06
Bladen Community College	1-3	007987	Bladen	Dublin 28332	03
Blue Ridge Community College	1-3	009684	Henderson	Flat Rock 28731	11
Bowman Gray Sch. of Medicine	2-2		Forsyth	Winston-Salem 27103	05
Brevard College	2-3	002912	Transylvania	Brevard 28712	11
Brunswick Community College	1-3	029275	Brunswick	Supply 28462	07
Caldwell CC & TI	1-3	004835	Caldwell	Hudson 28638-1399	10
Campbell University	2-2	002913	Harnett	Buie's Creek 27506	03
Cape Fear Community College	1-3	005320	New Hanover	Wilmington 28401	07
Carteret Community College	1-3	008081	Carteret	Morehead City 28557	01
Catawba College	2-2	002914	Rowan	Salisbury 28144	08
Catawba Valley CC	1-3	005318	Catawba	Hickory 28601	10
Central Carolina CC	1-3	005449	Lee	Sanford 27330	03
Central Piedmont CC	1-3	002915	Mecklenburg	Charlotte 28204	09
Chowan College	2-3	002916	Hertford	Murfreesboro 27855	01
Cleveland Community College	1-3	008082	Cleveland	Shelby 28150	10
Coastal Carolina CC	1-3	008084	Onslow	Jacksonville 28540	03
College of the Albemarle	1-3	002917	Pasquotank	Elizabeth City 27909	01
Craven Community College	1-3	008086	Craven	New Bern 28560	01
Davidson College	2-2	002918	Mecklenburg	Davidson 28036	09
Davidson County CC	1-3	002919	Davidson	Lexington 27292	06
Duke University	2-1	002920	Durham	Durham 27706	02
Duke Medical Center	2-2		Durham	Durham 27706	02
Durham Technical CC	1-3	005448	Durham	Durham 27703	02
East Carolina University	1-2	002923	Pitt	Greenville 27834	01
ECU-Health Affairs	1-1		Pitt	Greenville 27834	01
Edgecombe Community College	1-3	008855	Edgecombe	Tarboro 27886	02
Elizabeth City State University	1-2	002926	Pasquotank	Elizabeth City 27909	01
Elon College	2-2	002927	Alamance	Elon College 27244	06
Fayetteville State University	1-2	002928	Cumberland	Fayetteville 28301	07
Fayetteville TCC	1-3	007640	Cumberland	Fayetteville 28303	07
Forsyth TCC	1-3	005317	Forsyth	Winston-Salem 27103	05
Gardner-Webb College	2-2	002929	Cleveland	Boiling Springs 28017	10
Gaston College	1-3	002973	Gaston	Dallas 28034	10
Greensboro College	2-2	002930	Guilford	Greensboro 27420	06
Guilford College	2-2	002931	Guilford	Greensboro 27410	06
Guilford Technical CC	1-3	004838	Guilford	Jamestown 27282	06
Halifax Community College	1-3	007986	Halifax	Weldon 27890	02
Haywood Community College	1-3	008083	Haywood	Clyde 28721	11

*See page 200

Institution	Type*	FICE Code	County	City	Congr. Dist.**
High Point College	2-2	002933	Guilford	High Point 27262	06
Isothermal Community College	1-3	002934	Rutherford	Spindale 28160	11
James Sprunt Community College	1-3	007687	Duplin	Kenansville 28349	03
Johnson C. Smith University	2-2	002936	Mecklenburg	Charlotte 28216	09
Johnston Community College	1-3	009336	Johnston	Smithfield 27577	03
Lees-McRae College	2-3	002939	Avery	Banner Elk 28604	10
Lenoir Community College	1-3	002940	Lenoir	Kinston 28501	01
Lenoir-Rhyne College	2-2	002941	Catawba	Hickory 28603	10
Livingstone College	2-2	002942	Rowan	Salisbury 28144	08
Louisburg College	2-3	002943	Franklin	Louisburg 27549	04
Mars Hill College	2-2	002944	Madison	Mars Hill 28754	11
Martin Community College	1-3	007988	Martin	Williamston 27892	01
Mayland Community College	1-3	011197	Mitchell	Spruce Pine 28777	11
McDowell Community College	1-3	008085	McDowell	Marion 28752	11
Meredith College	2-2	002945	Wake	Raleigh 27607-5298	04
Methodist College	2-2	002946	Cumberland	Fayetteville 28301	07
Mitchell Community College	1-3	002947	Iredell	Statesville 28677	09
Montgomery Community College	1-3	008087	Montgomery	Troy 27371	08
Montreat-Anderson College	2-3	002948	Buncombe	Montreat 28757	11
Mount Olive College	2-2	002949	Wayne	Mount Olive 28365	03
Nash Community College	1-3	008557	Nash	Rocky Mount 27801	02
N. C. A & T State University	1-2	002905	Guilford	Greensboro 27411	06
N. C. Central University	1-2	002950	Durham	Durham 27707	02
N. C. School of the Arts	1-2	003981	Forsyth	Winston-Salem 27107	05
N. C. State University	1-1	002972	Wake	Raleigh 27650	04
NCSU Veterinary School	1-1		Wake	Raleigh 27650	04
N. C. Wesleyan College	2-2	002951	Nash	Rocky Mount 27801	02
Pamlico Community College	1-3	007031	Pamlico	Grantsboro 28529	01
Peace College	2-3	002953	Wake	Raleigh 27604	04
Pembroke State University	1-2	002954	Robeson	Pembroke 28372	07
Pfeiffer College	2-2	002955	Stanly	Misenheimer 28109	08
Piedmont Bible College	2-2	002956	Forsyth	Winston-Salem 27101	05
Piedmont Community College	1-3	009646	Person	Roxboro 27573	02
Pitt Community College	1-3	004062	Pitt	Greenville 27834	01
Queens College	2-2	002957	Mecklenburg	Charlotte 28274-0001	09
Randolph Community College	1-3	005447	Randolph	Asheboro 27203	04
Richmond Community College	1-3	005464	Richmond	Hamlet 28345	08
Roanoke-Chowan CC	1-3	008613	Hertford	Ahoskie 27910	01
Robeson Community College	1-3	008612	Robeson	Lumberton 28358	07
Rockingham Community College	1-3	002958	Rockingham	Wentworth 27375	05
Rowan-Cabarrus CC	1-3	005754	Rowan	Salisbury 28144	08
Saint Andrews Presbyterian C.	2-2	002967	Scotland	Laurinburg 28352	08
Saint Augustine's College	2-2	002968	Wake	Raleigh 27611	04
Saint Mary's College	2-3	002969	Wake	Raleigh 27603-1689	04
Salem College	2-2	002960	Forsyth	Winston-Salem 27108	05
Sampson Community College	1-3	007892	Sampson	Clinton 28328	03
Sandhills Community College	1-3	002961	Moore	Southern Pines 28327	03
Shaw University	2-2	002962	Wake	Raleigh 27602	04
Southeastern Community College	1-3	002964	Columbus	Whiteville 28472	07
Southwestern Community College	1-3	008466	Jackson	Sylva 28779	11

Institution	Type*	FICE Code	County	City	Congr. Dist.**
Stanly Community College	1-3	011194	Stanly	Albemarle 28001	08
Surry Community College	1-3	002970	Surry	Dobson 27017	05
Tri-County Community College	1-3	009430	Cherokee	Murphy 28906	11
U. of N. C. at Asheville	1-2	002907	Buncombe	Asheville 28814	11
U. of N. C. at Chapel Hill	1-1	002974	Orange	Chapel Hill 27514	04
U. of N. C. at Charlotte	1-2	002975	Mecklenburg	Charlotte 28223	09
U. of N. C. at Greensboro	1-2	002976	Guilford	Greensboro 27412	06
U. of N. C. Health Affairs	1-1		Orange	Chapel Hill 27514	04
U. of N. C. at Wilmington	1-2	002984	New Hanover	Wilmington 28406	07
Vance-Granville Community College	1-3	009903	Vance	Henderson 27536	02
Wake Forest University	2-1	002978	Forsyth	Winston-Salem 27109	05
Wake Technical CC	1-3	004844	Wake	Raleigh 27603	04
Warren Wilson College	2-2	002979	Buncombe	Swannanoa 28778	11
Wayne Community College	1-3	002980	Wayne	Goldsboro 27530	03
Western Carolina University	1-2	002981	Jackson	Cullowhee 28723	11
Western Piedmont CC	1-3	002982	Burke	Morganton 28655	10
Wilkes Community College	1-3	002983	Wilkes	Wilkesboro 28697	05
Wilson County TC	1-3	004845	Wilson	Wilson 27893	02
Wingate College	2-2	002985	Union	Wingate 28174	08
Winston-Salem State University	1-2	002986	Forsyth	Winston-Salem 27102	05

*The Type Code in this index indicates the control and level of the institution. Controls are a "1" for public and a "2" for private institutions. The level codes, which follow the dash, are a "1" for doctoral, a "2" for baccalaureate and graduate levels less than doctoral, and a "3" for 2-year institutions.

**Based on 1980 census.

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